

FIG. 1A

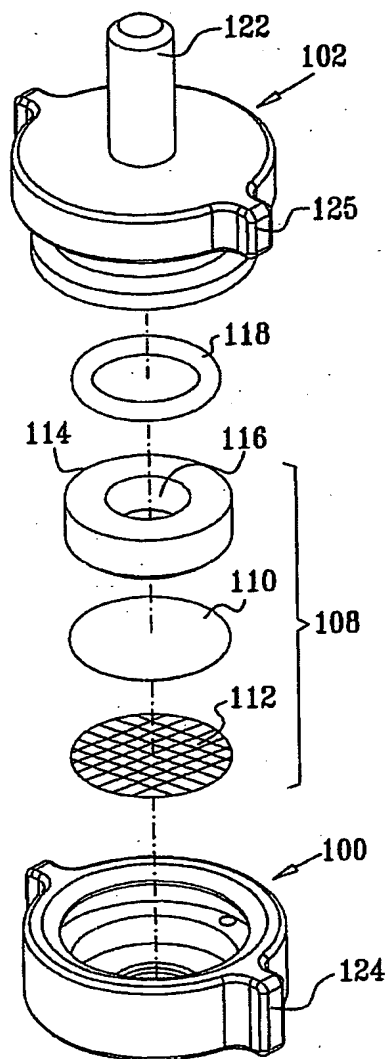
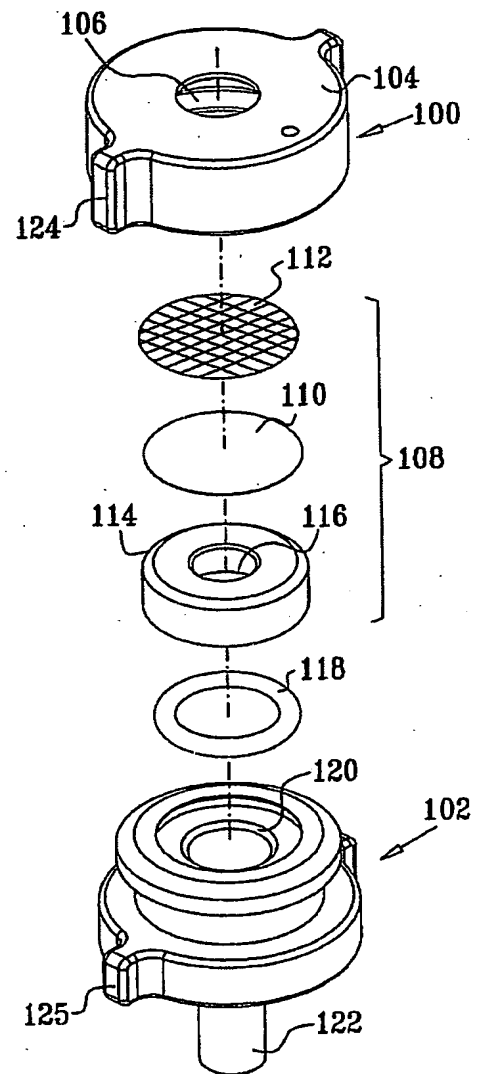


FIG. 1B



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FIG. 2A

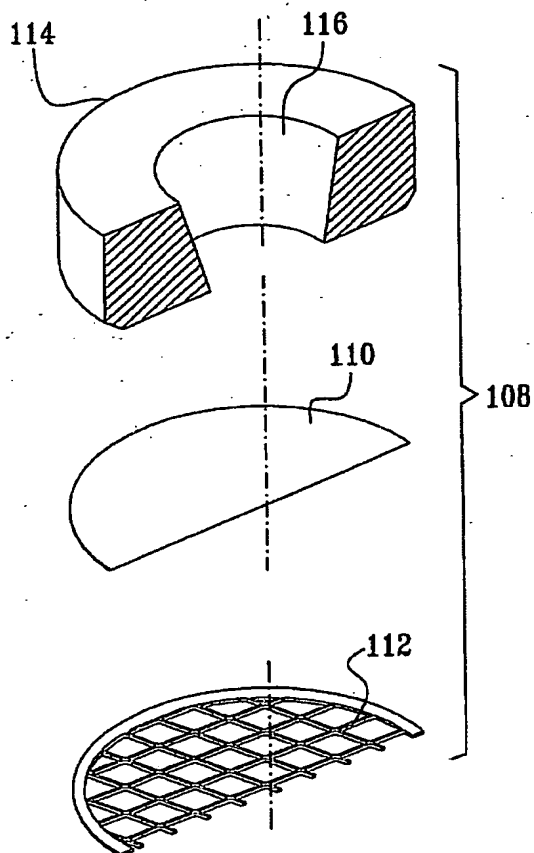
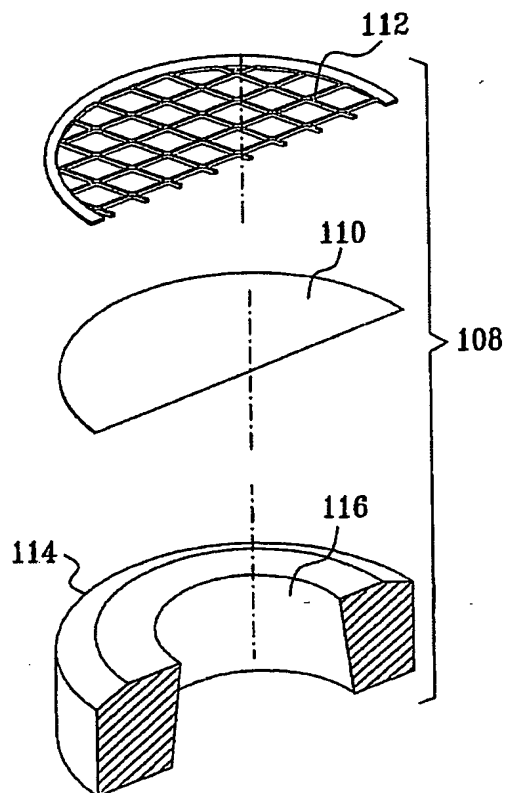


FIG. 2B



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FIG. 3A

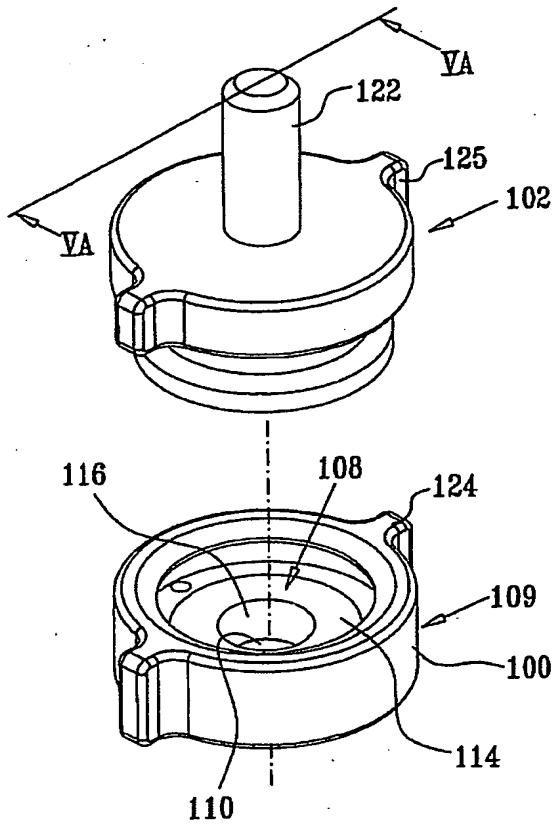
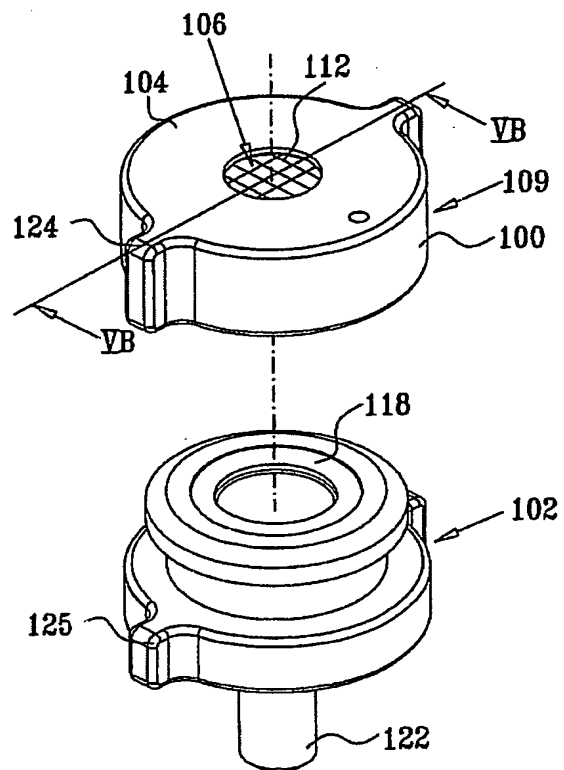


FIG. 3B



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FIG. 4A

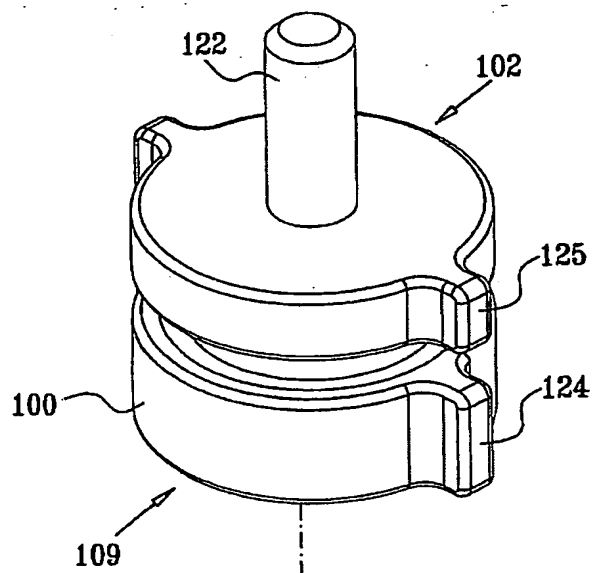
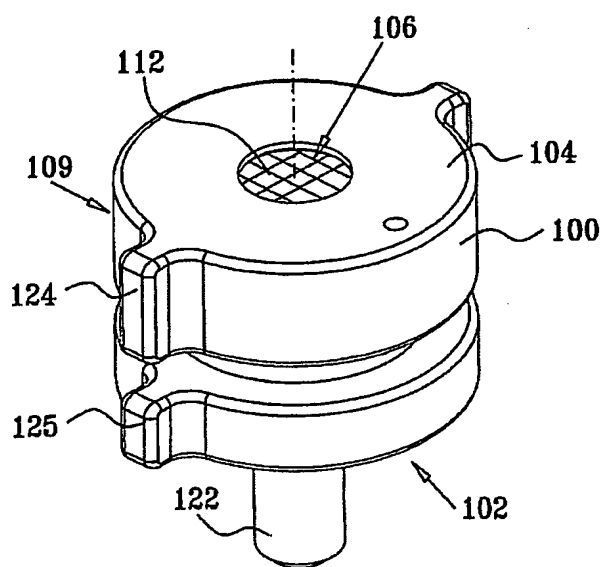


FIG. 4B



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FIG. 5A

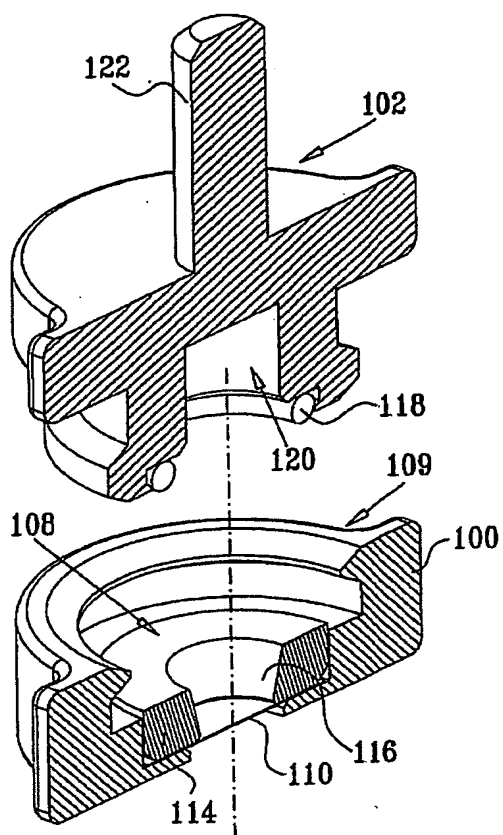
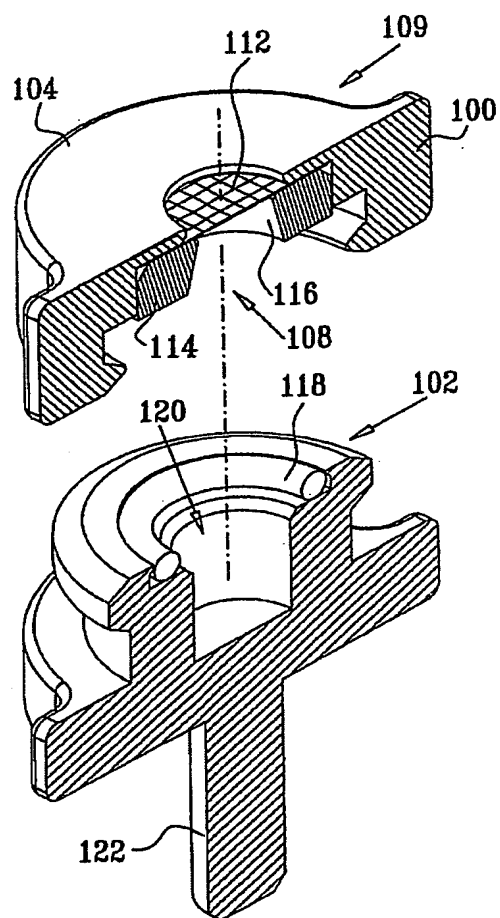
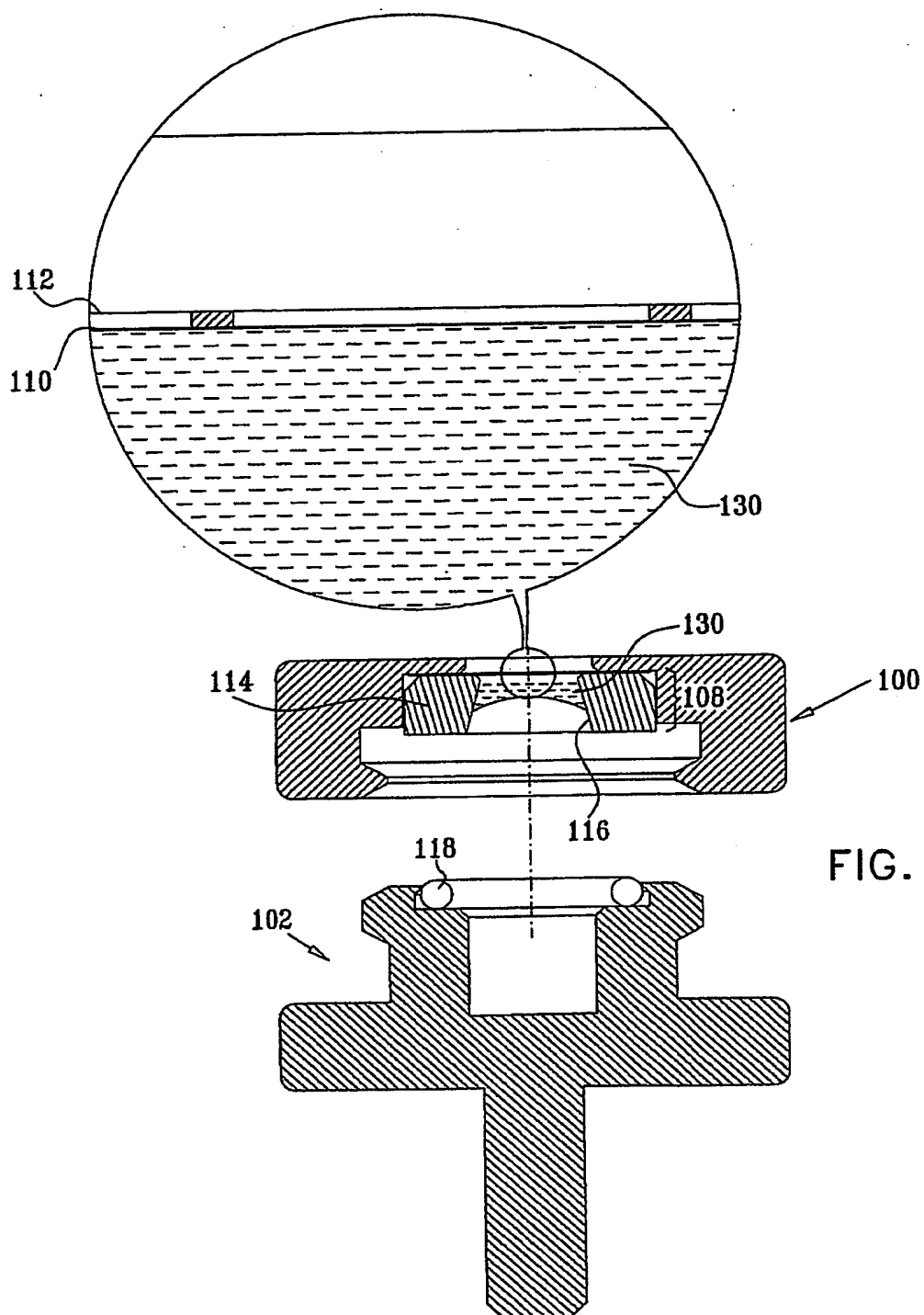


FIG. 5B



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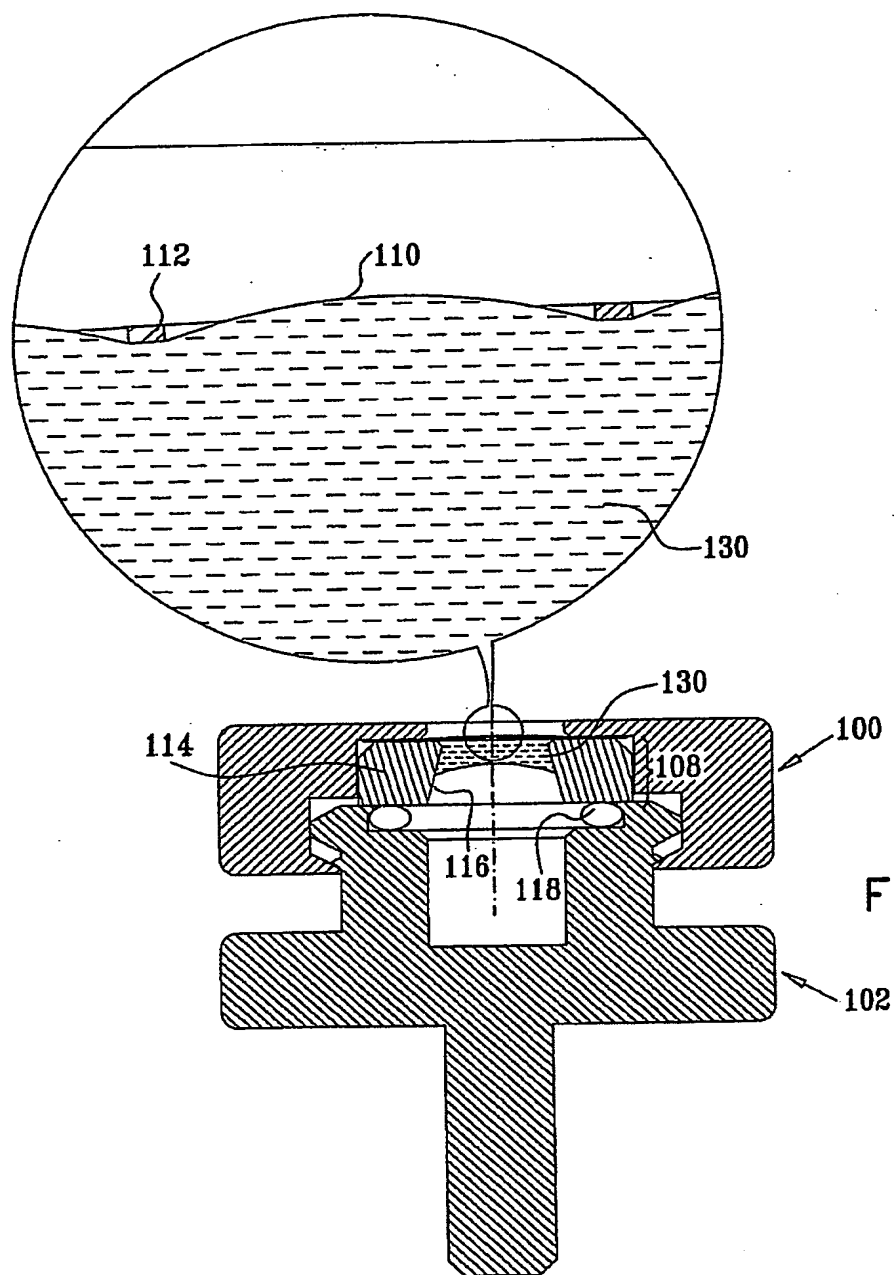


FIG. 6B

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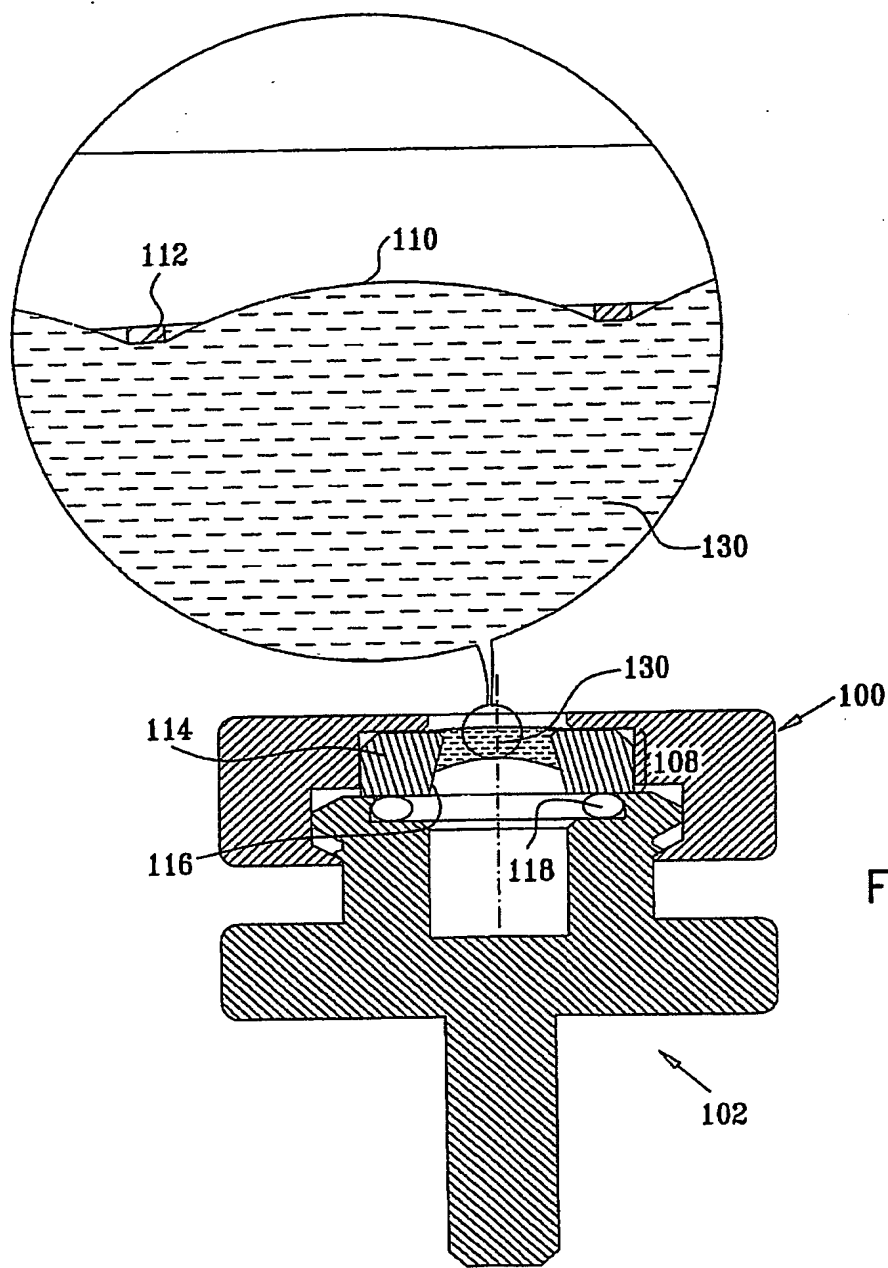


FIG. 6C



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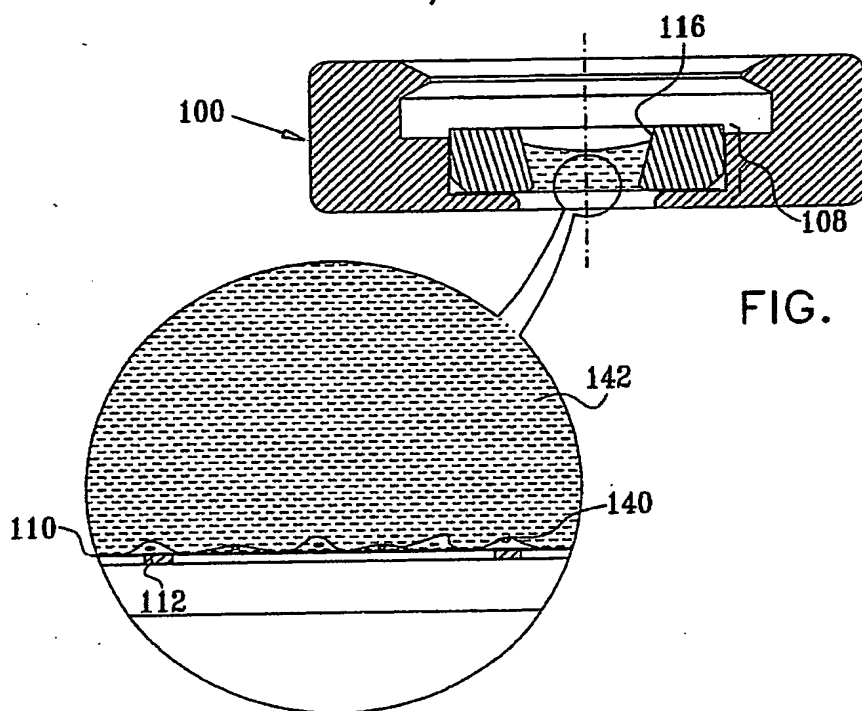


FIG. 7A

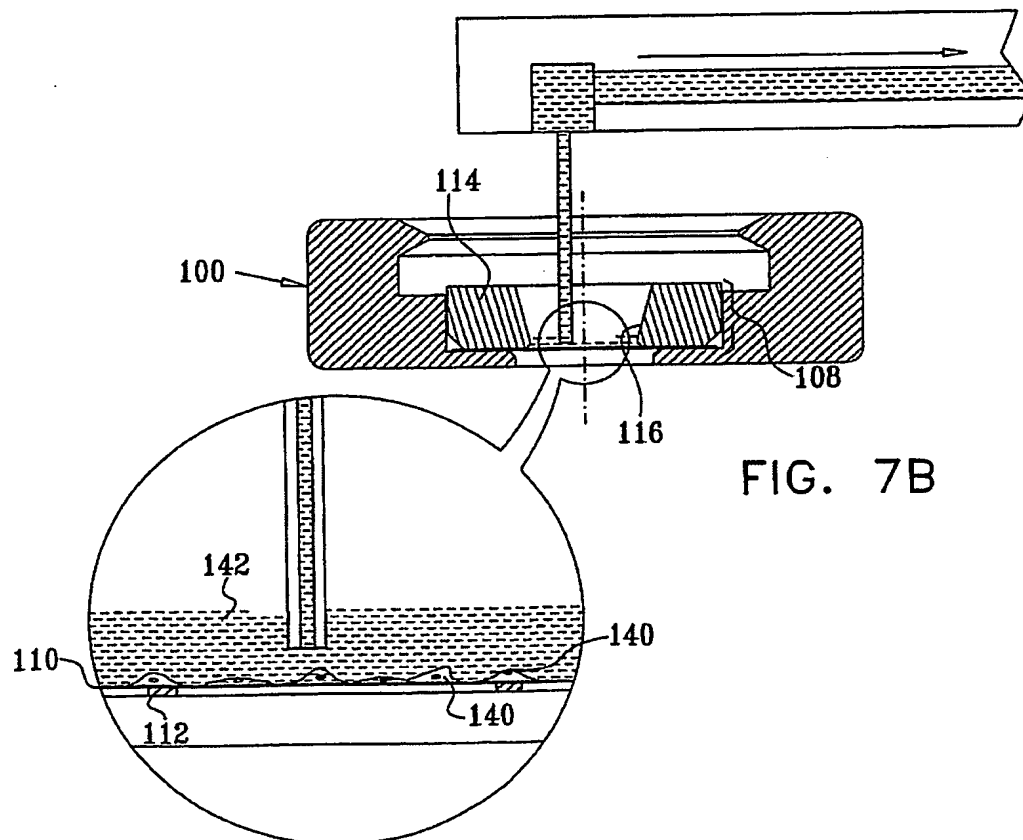


FIG. 7B

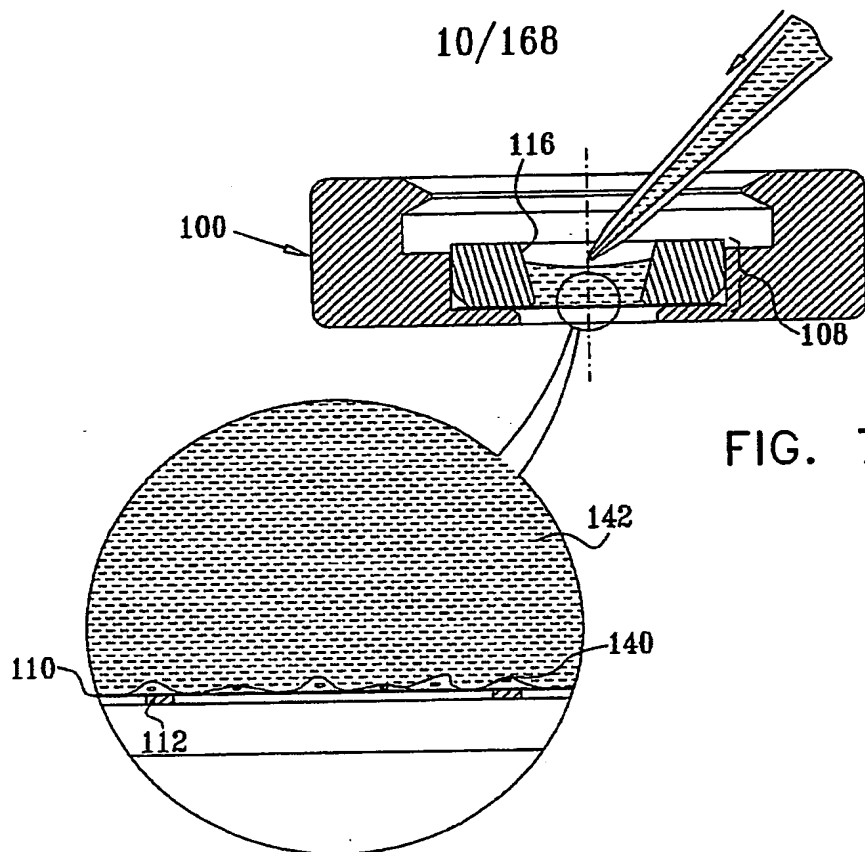


FIG. 7C

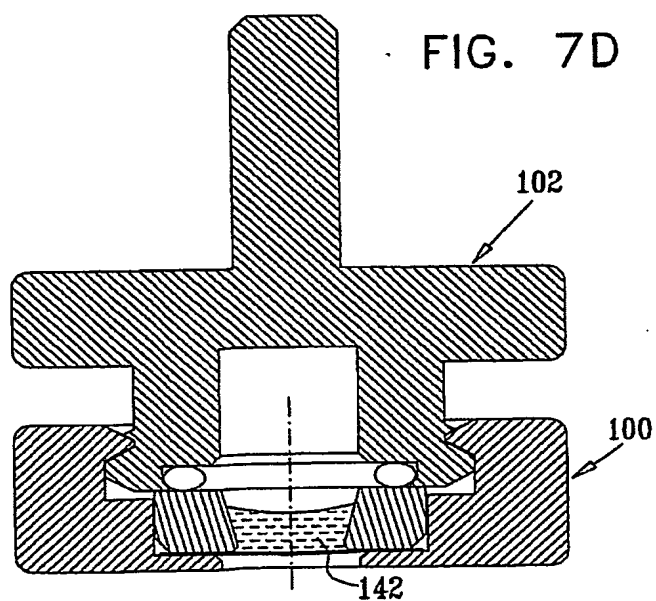
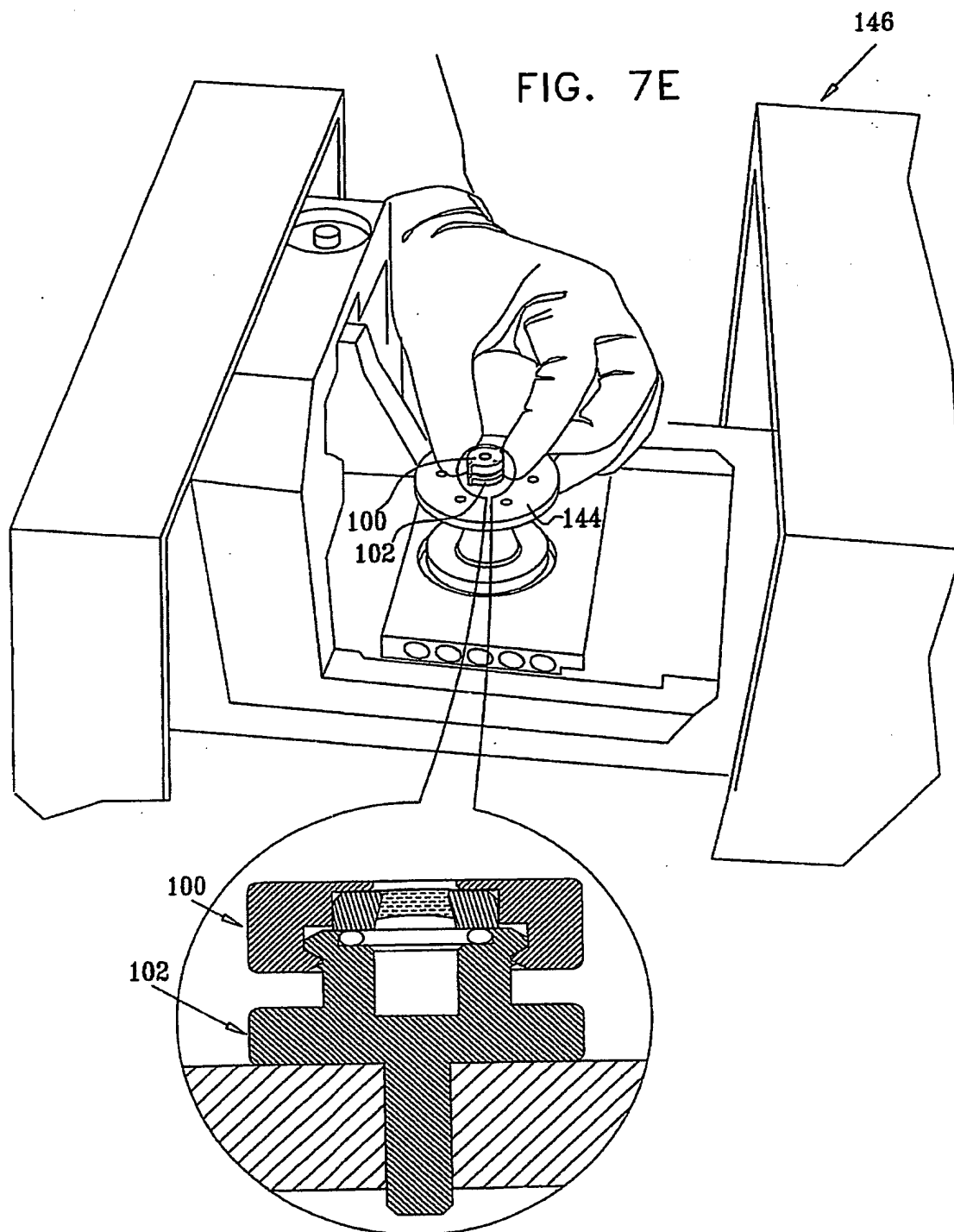


FIG. 7D

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FIG. 7E



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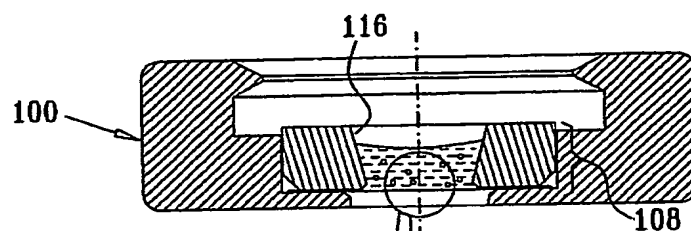


FIG. 8A

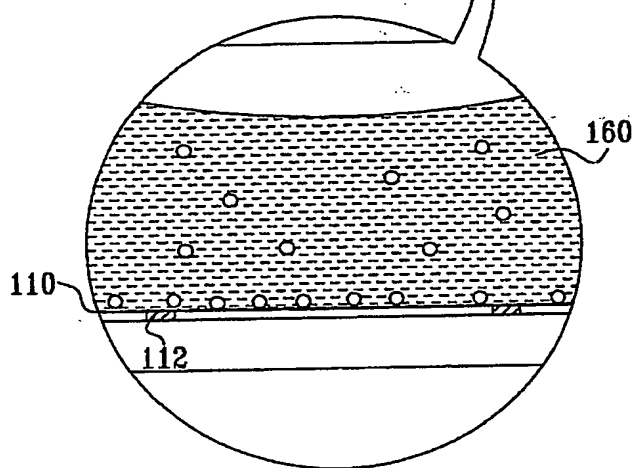
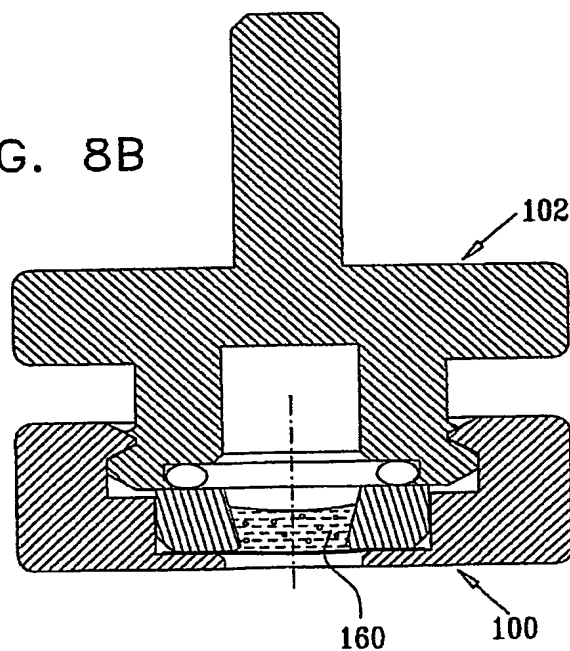
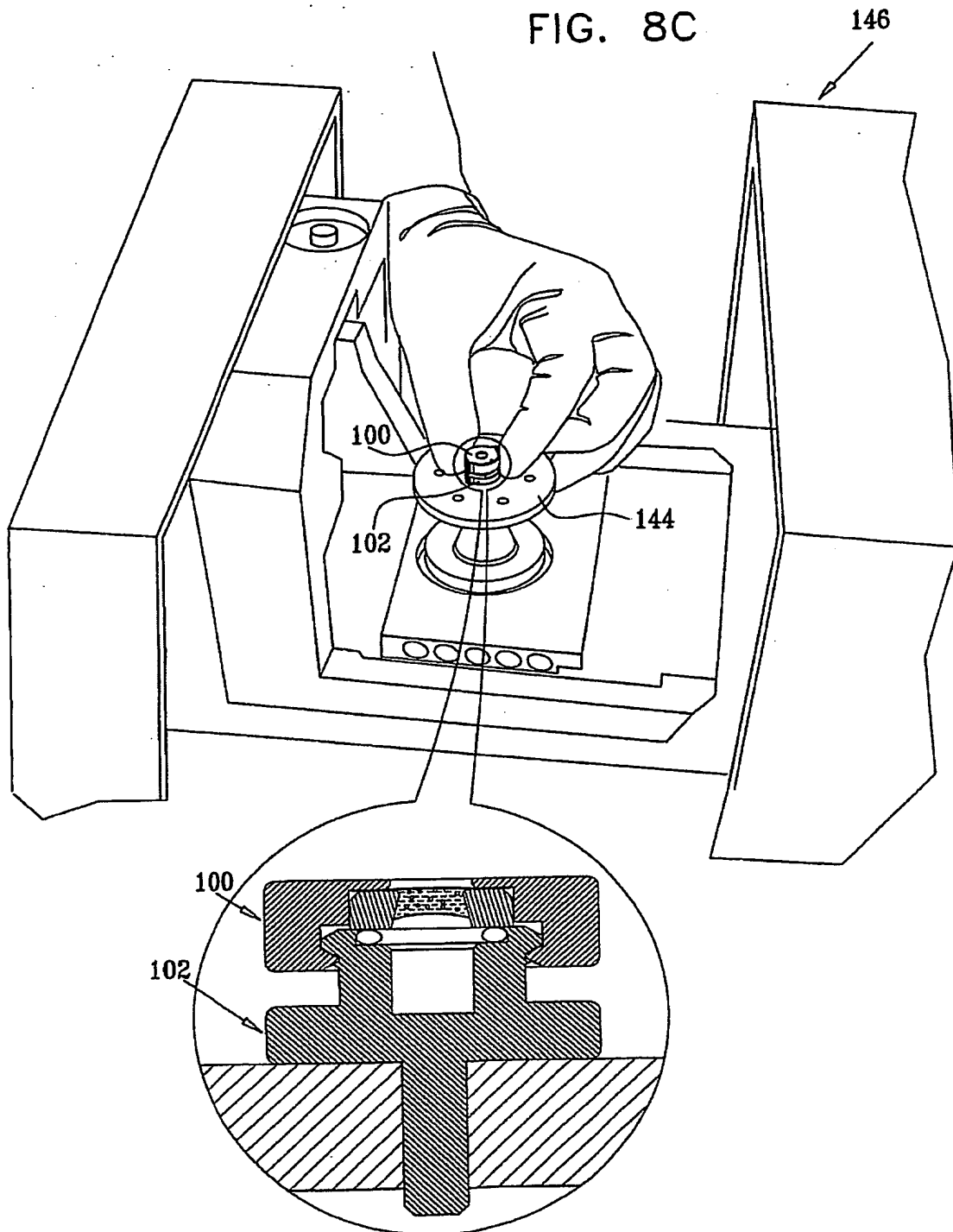


FIG. 8B

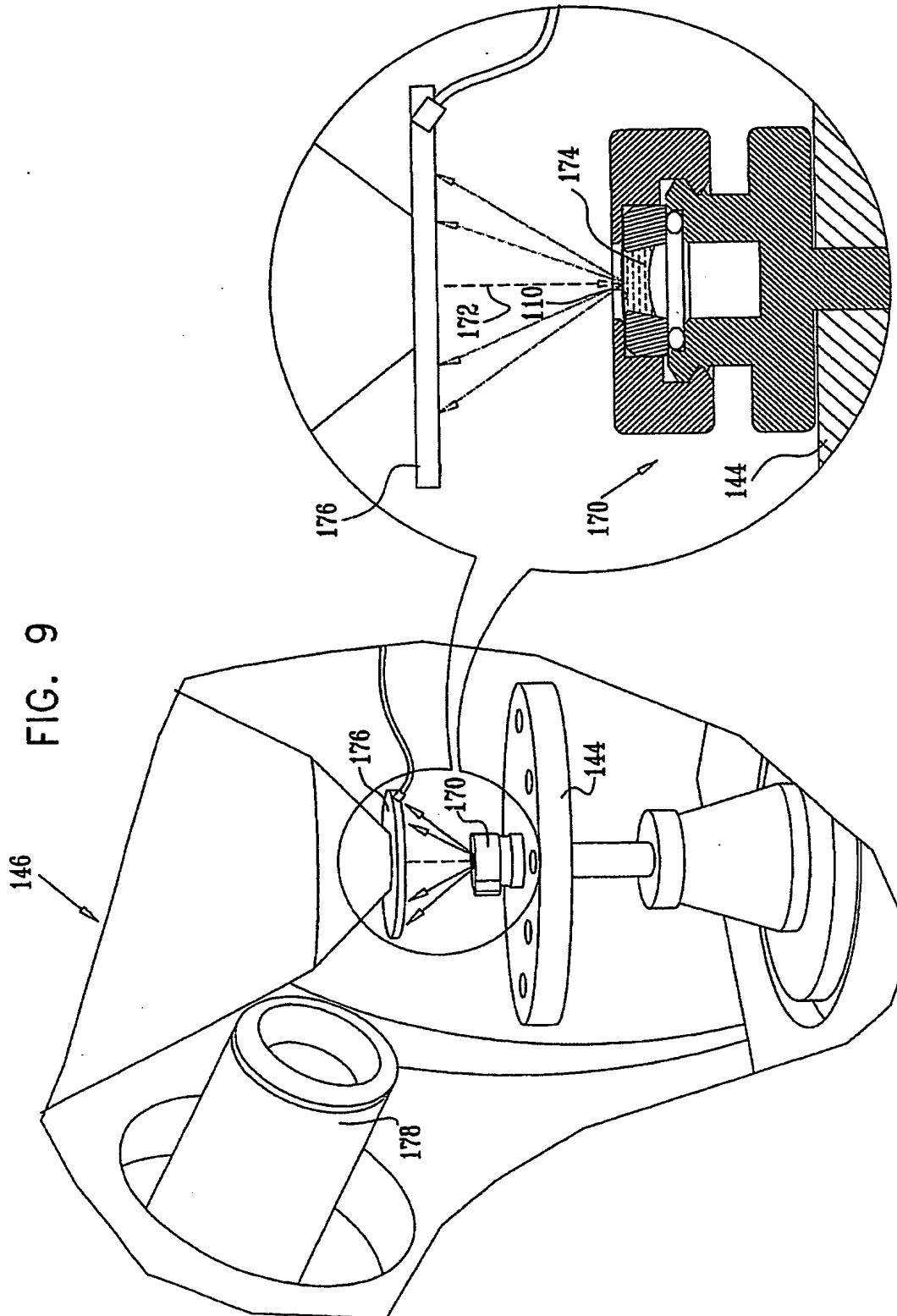


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FIG. 8C



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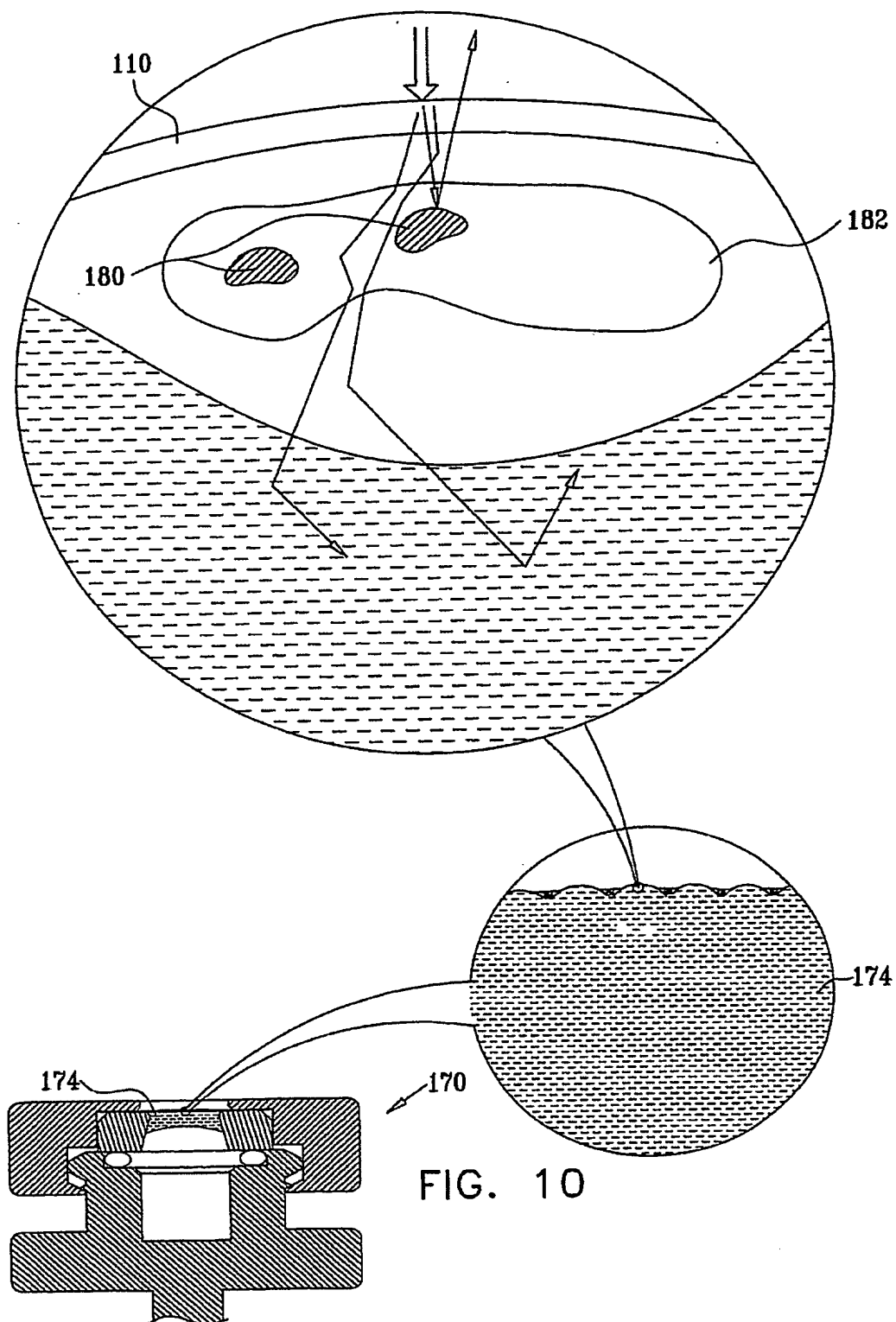


FIG. 10

FIG. 11A

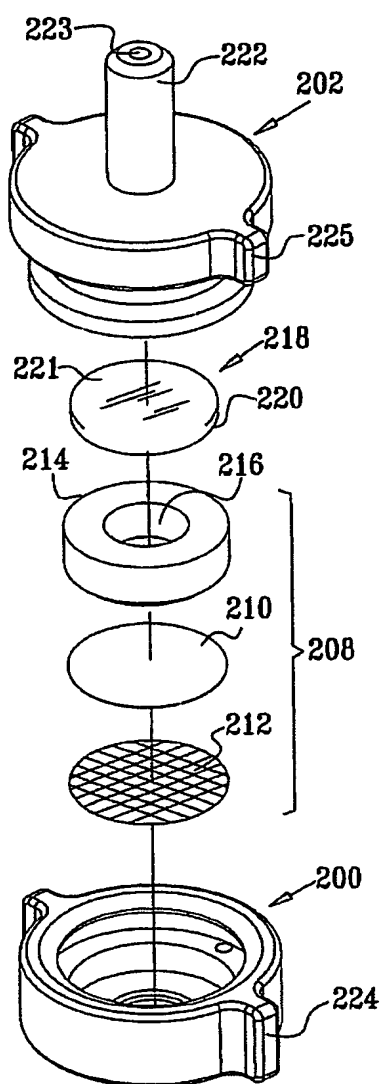
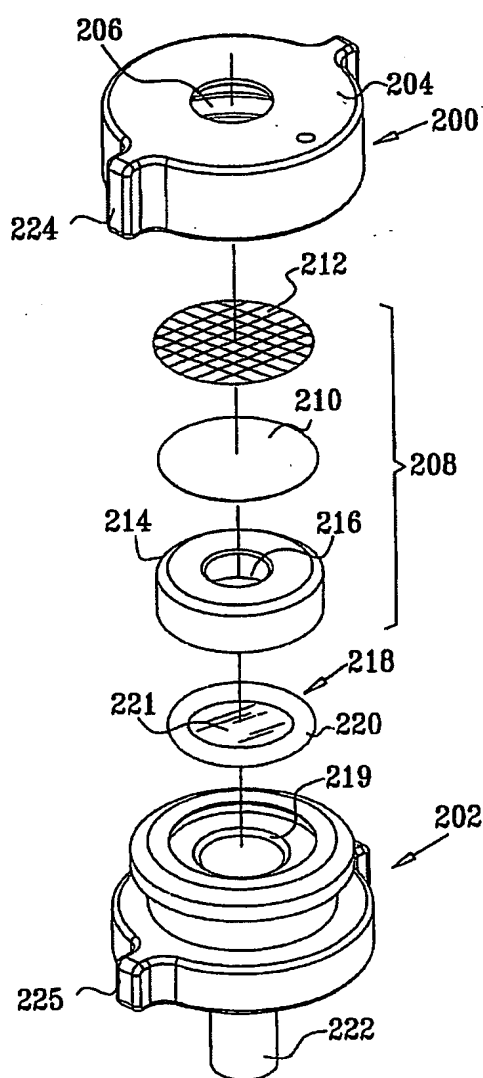


FIG. 11B





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FIG. 12A

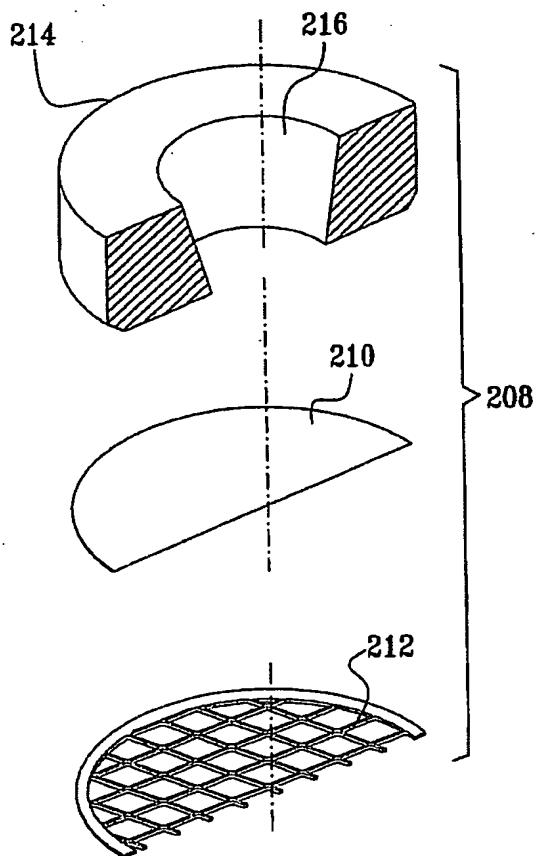
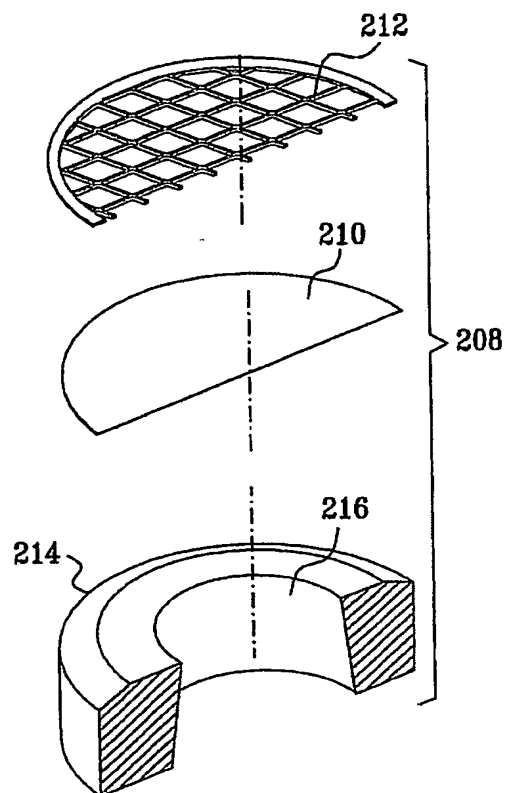


FIG. 12B



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FIG. 13A

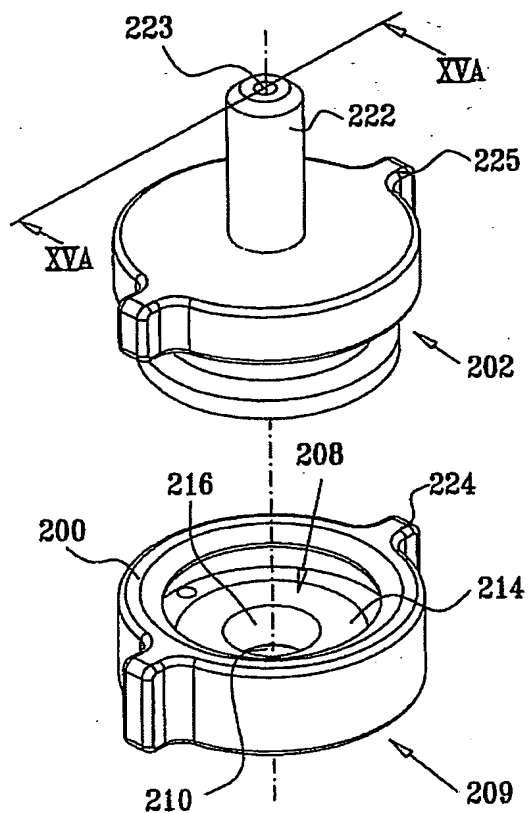
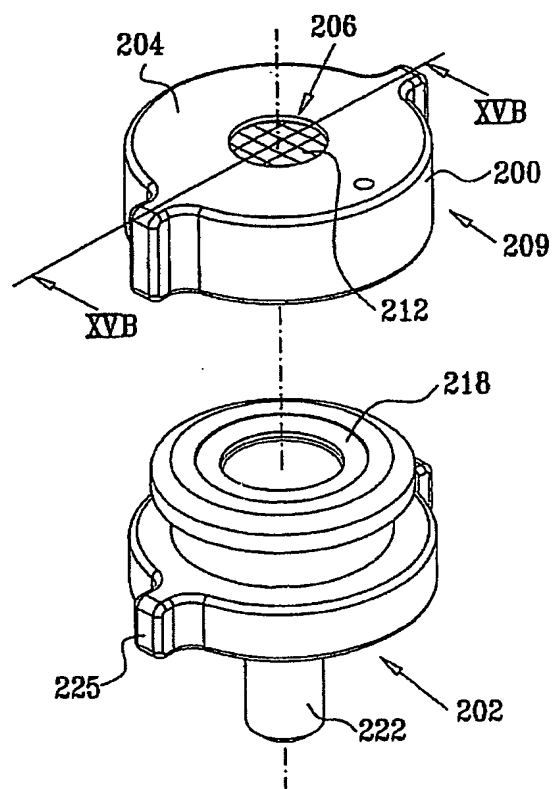


FIG. 13B



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FIG. 14A

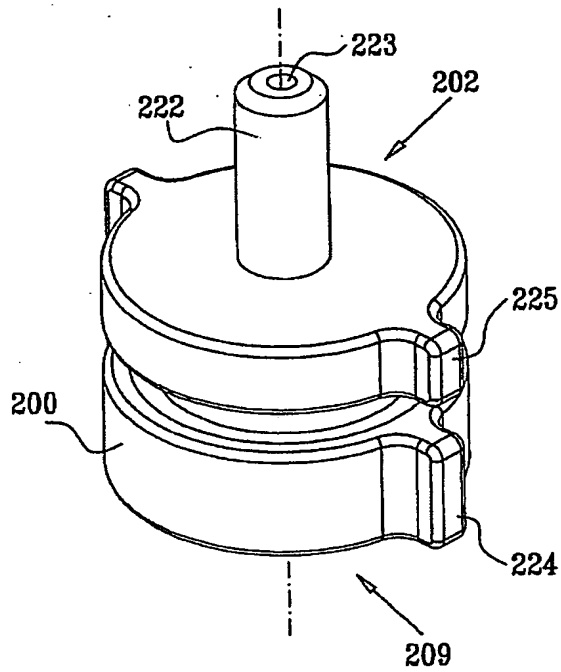
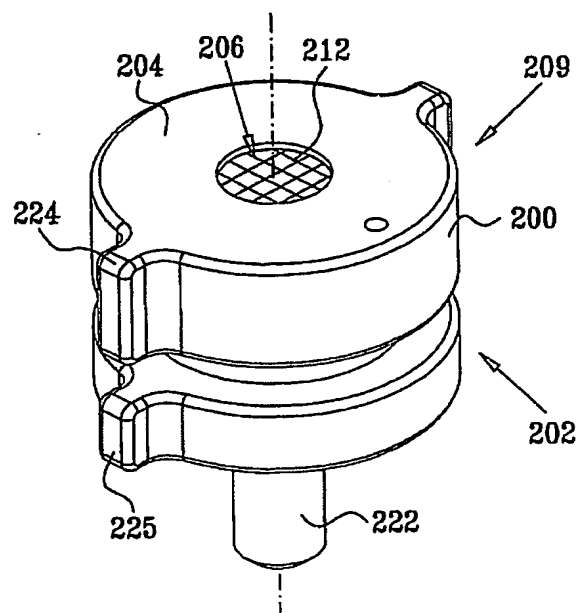


FIG. 14B



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FIG. 15A

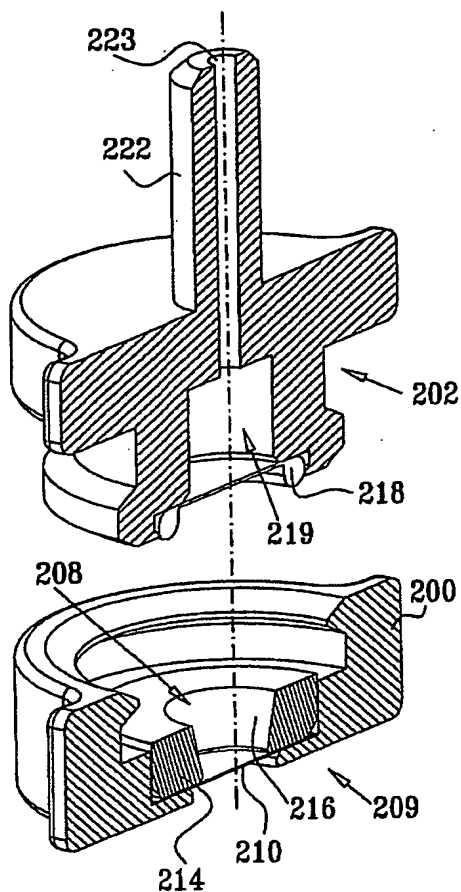
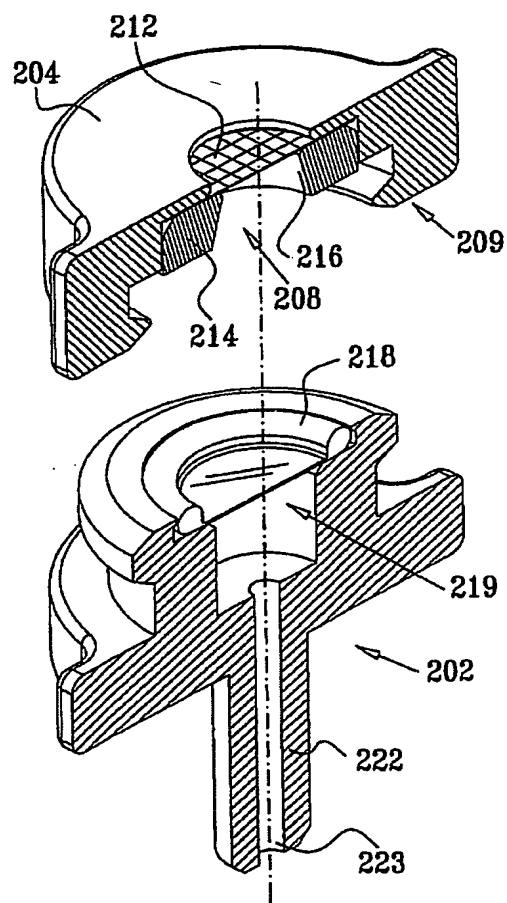


FIG. 15B



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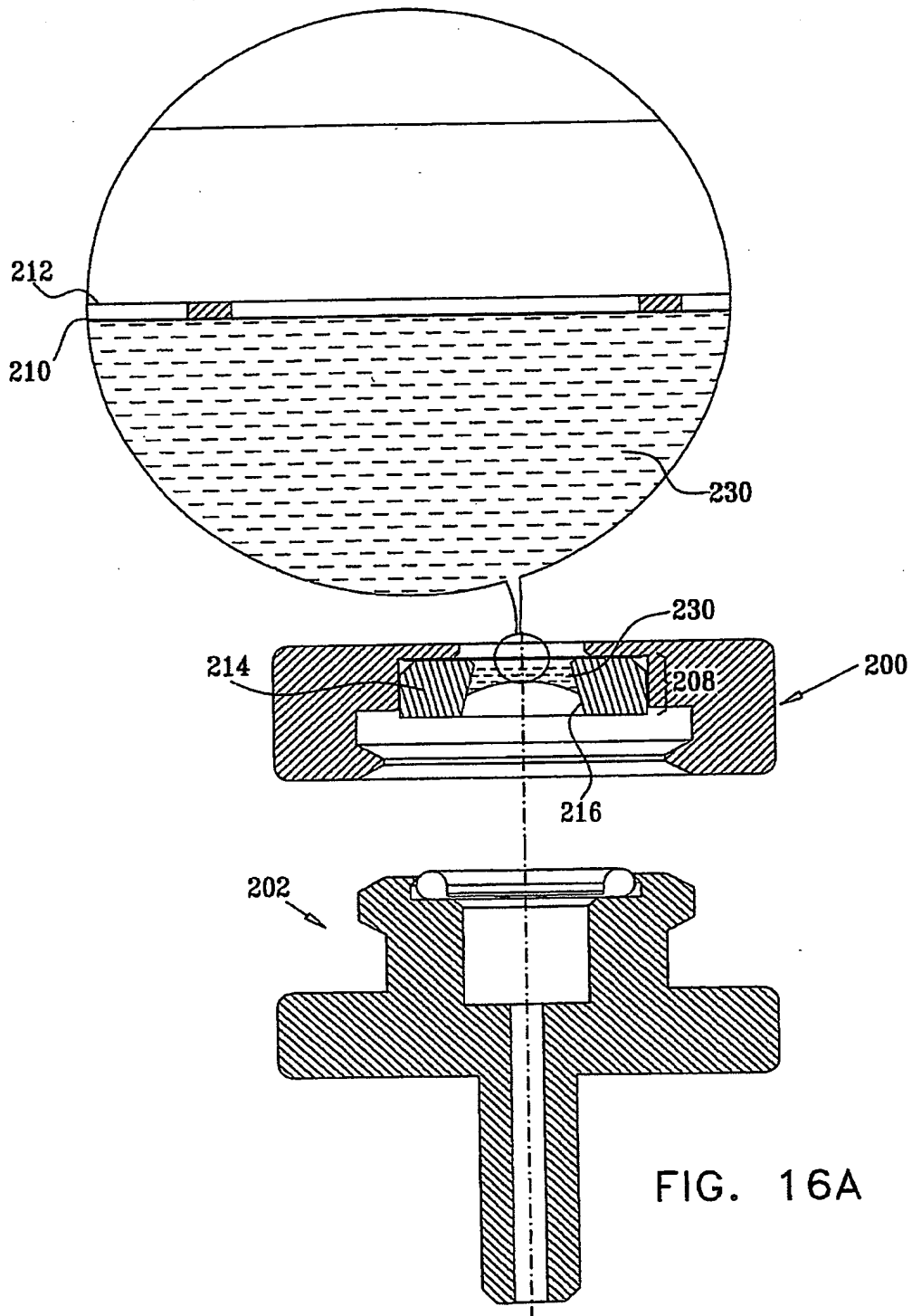


FIG. 16A

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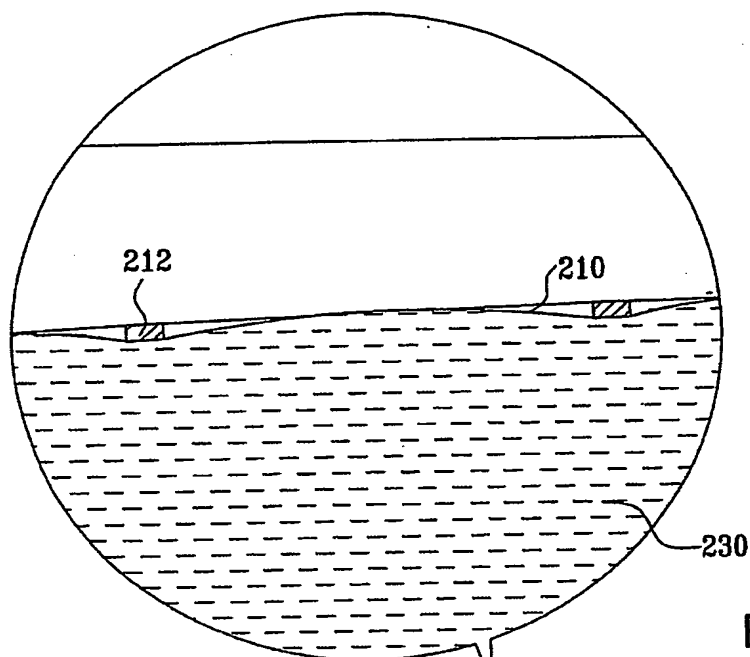
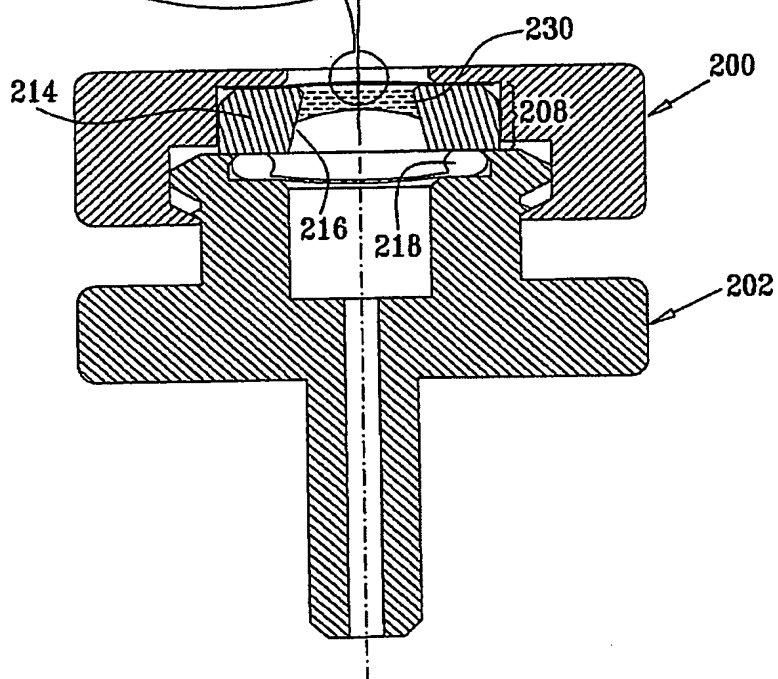


FIG. 16B



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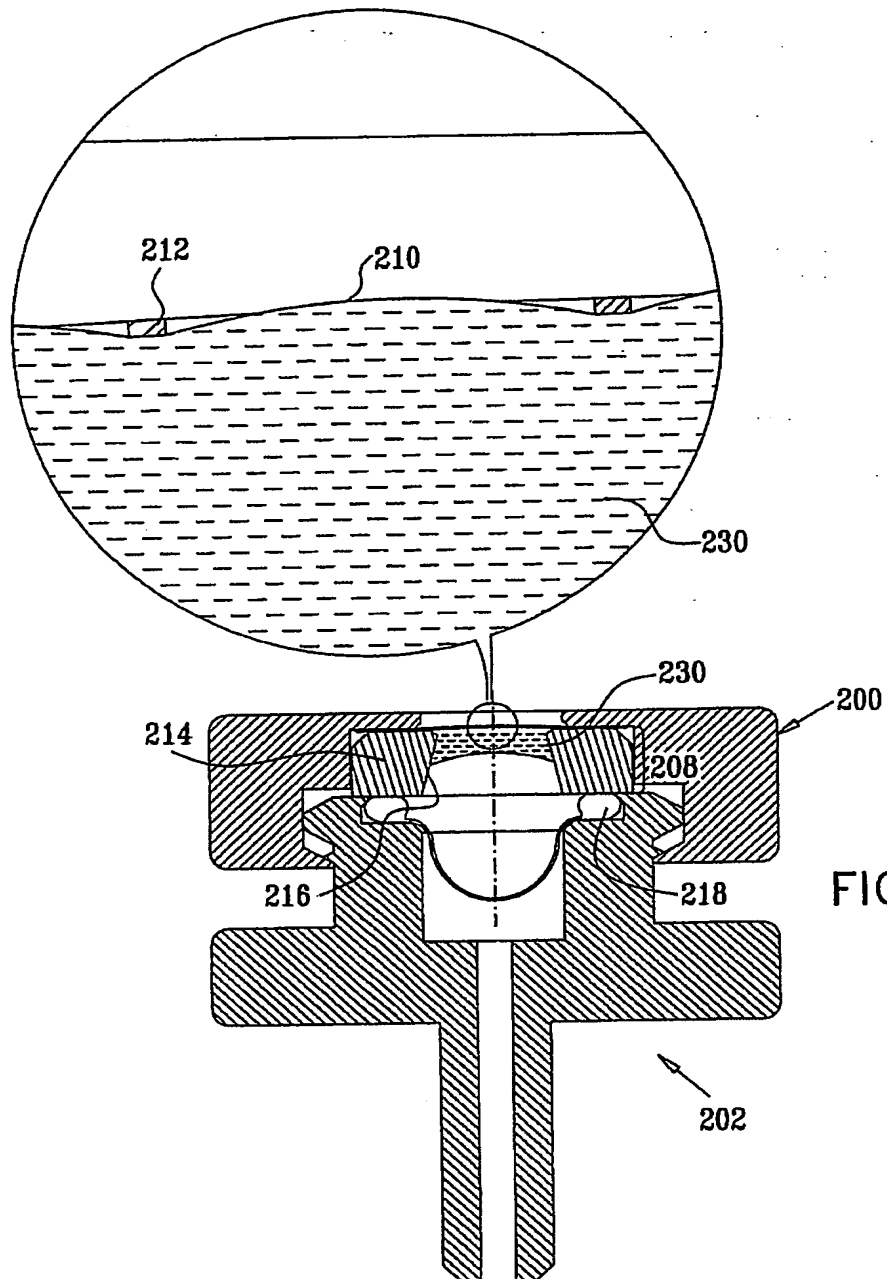
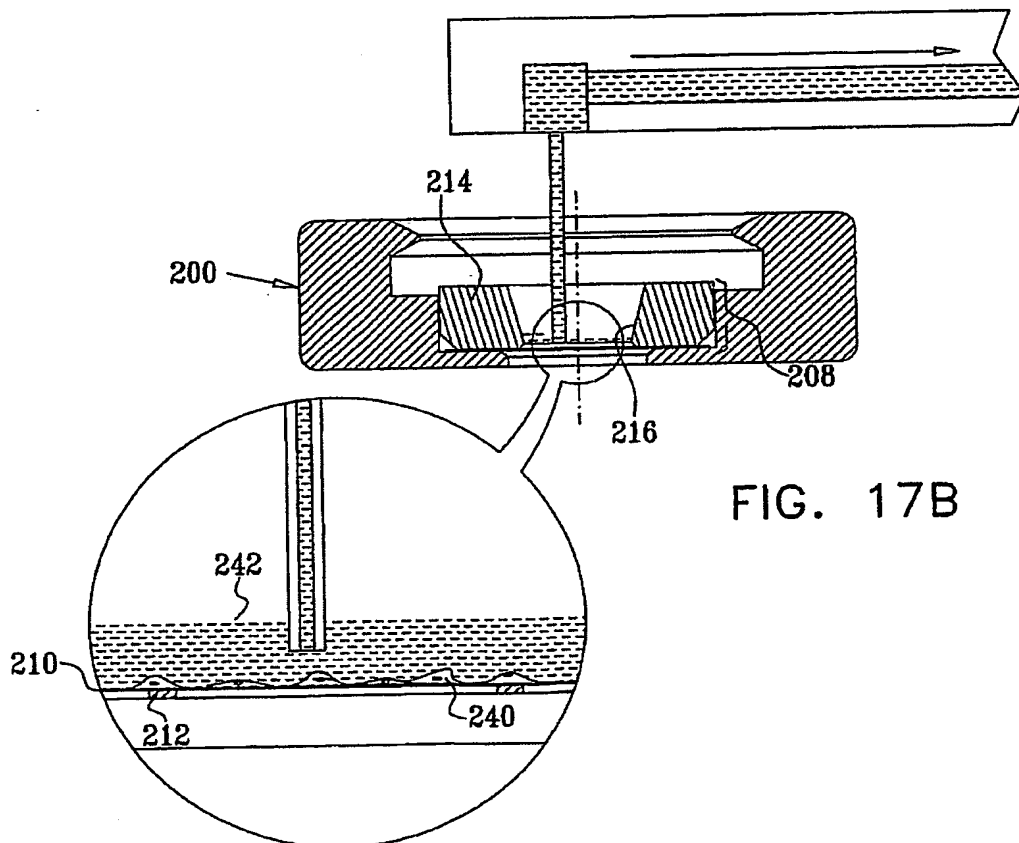
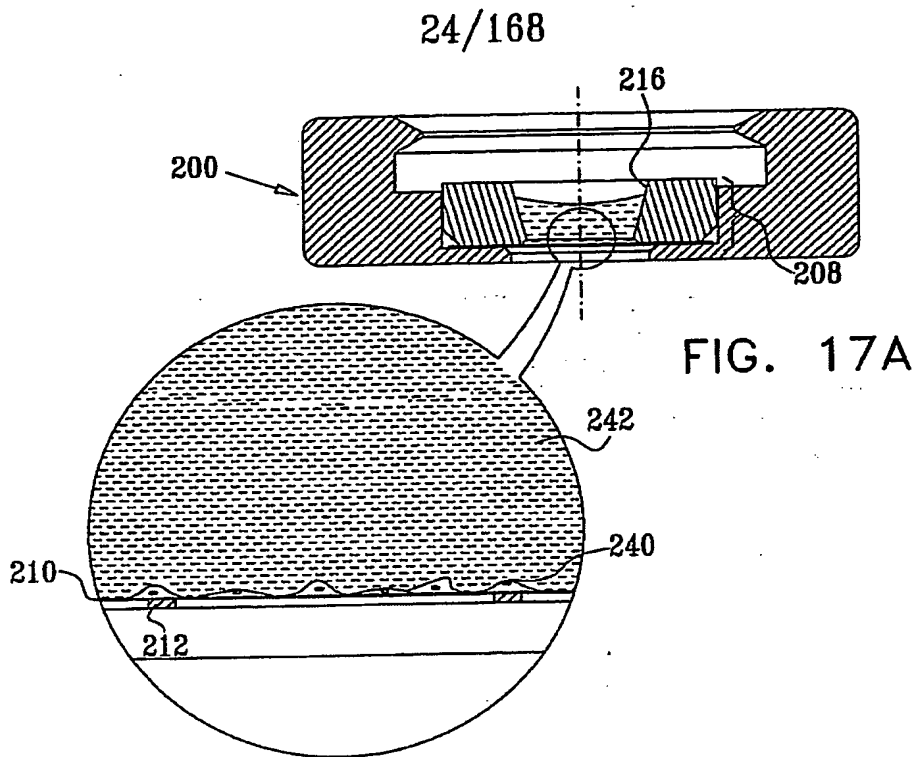


FIG. 16C





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FIG. 17C

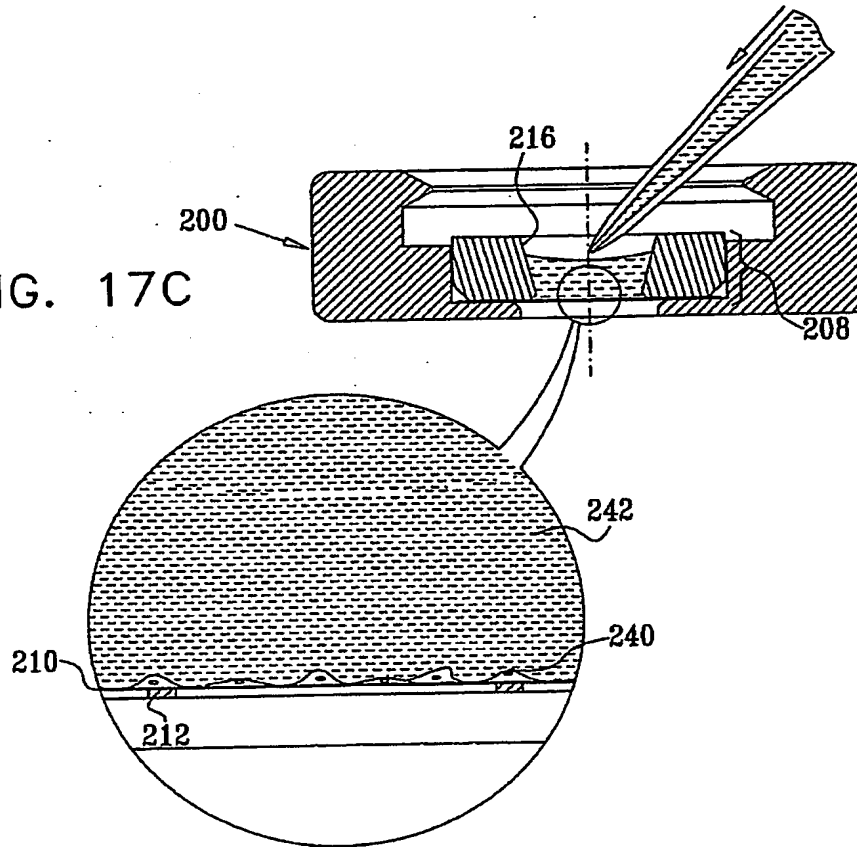
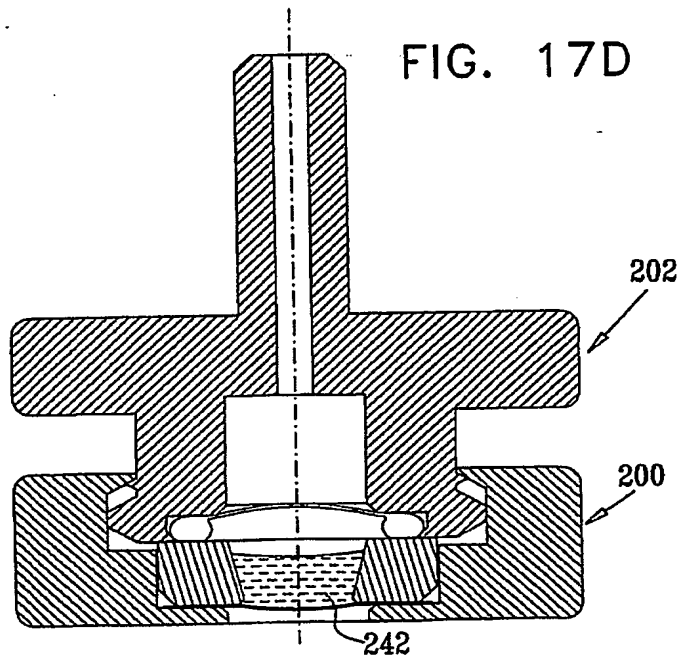
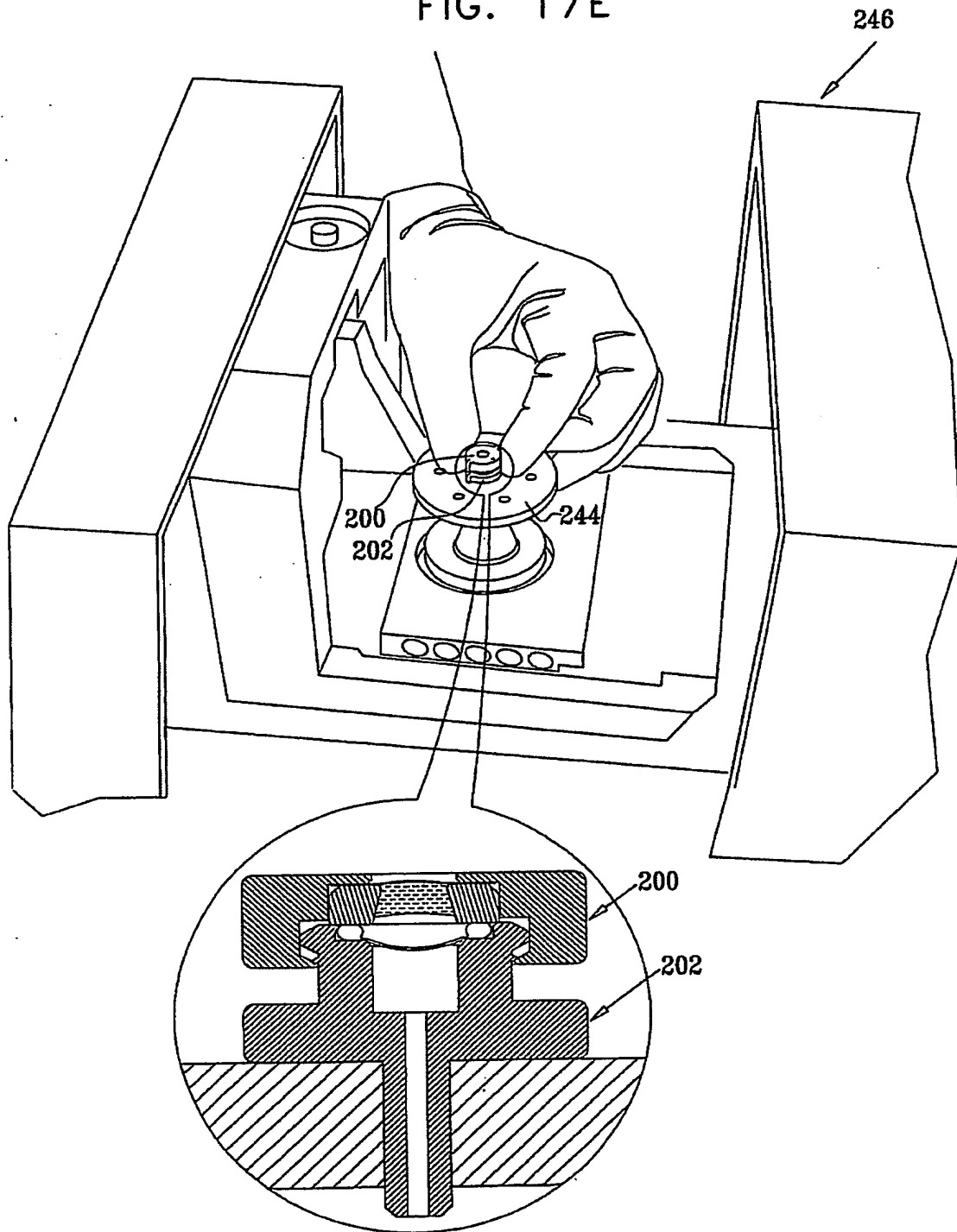


FIG. 17D



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FIG. 17E



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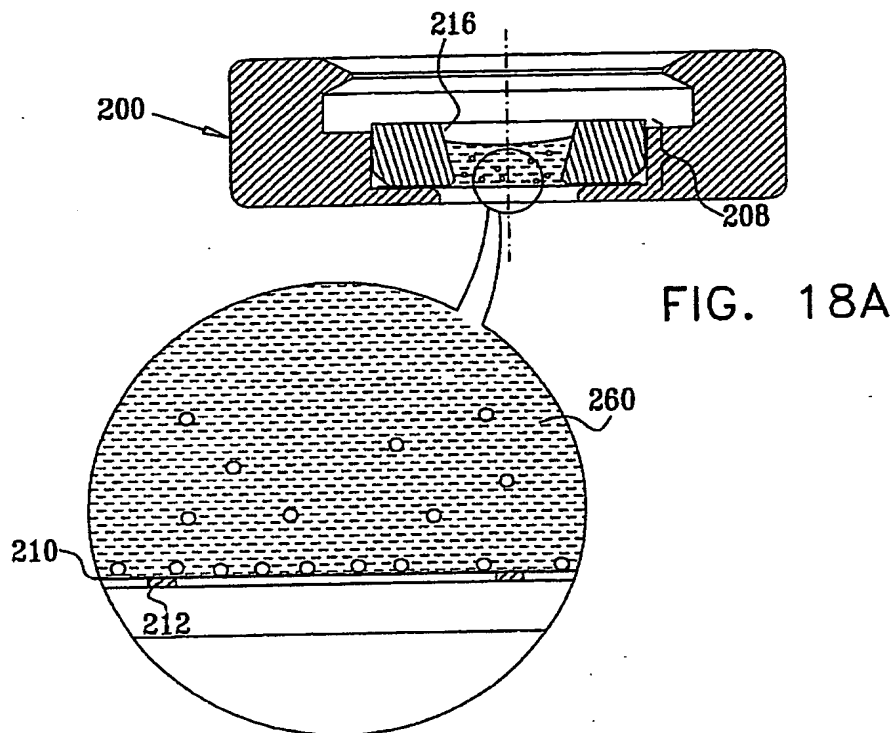
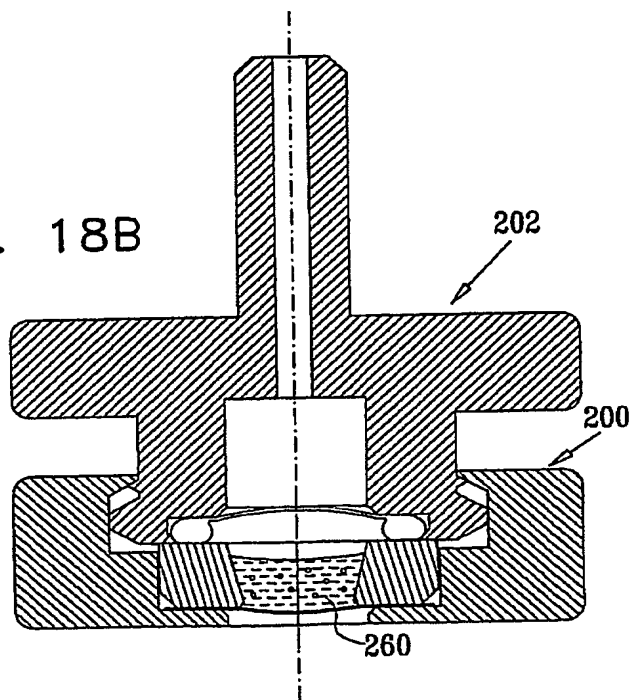
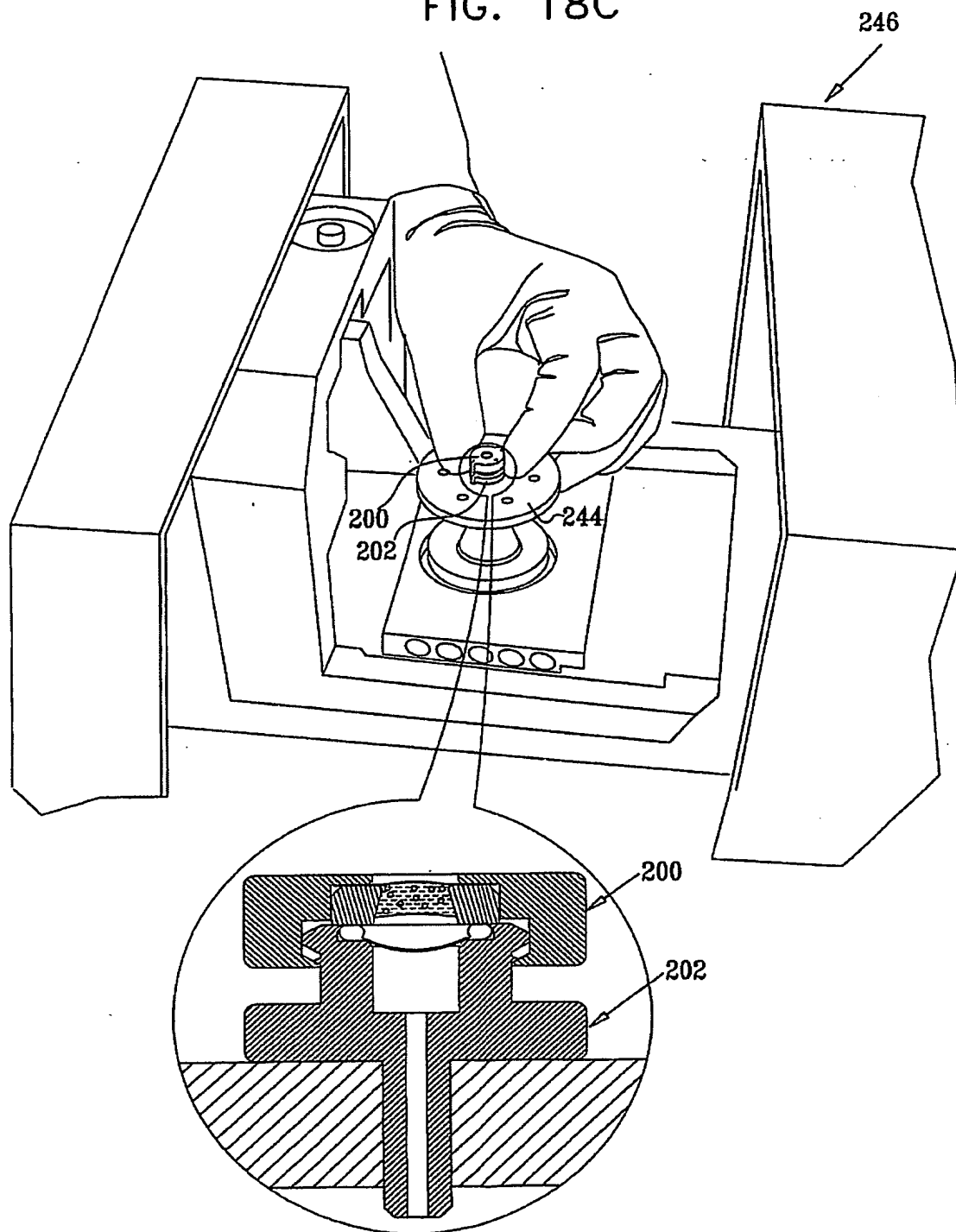


FIG. 18B

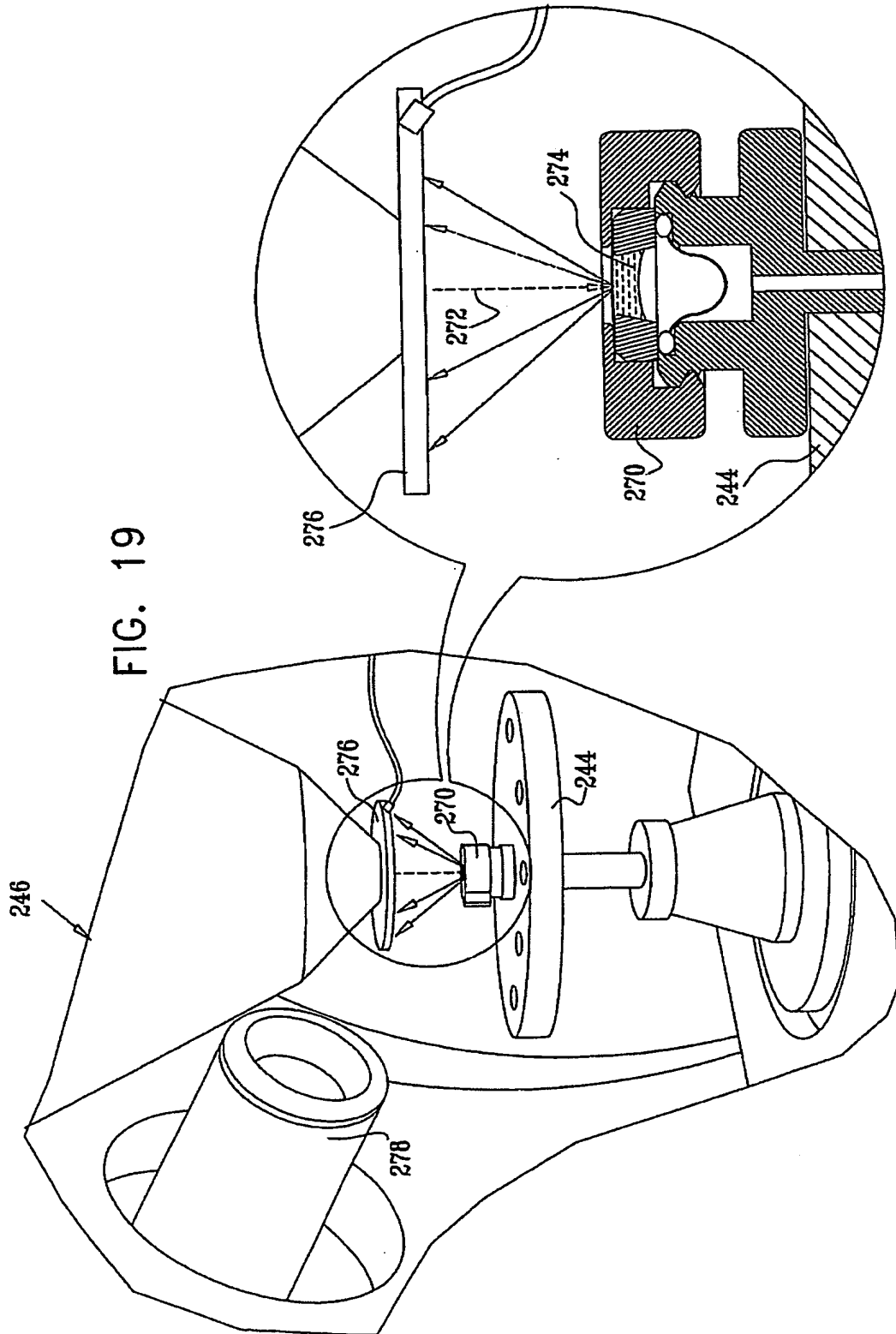


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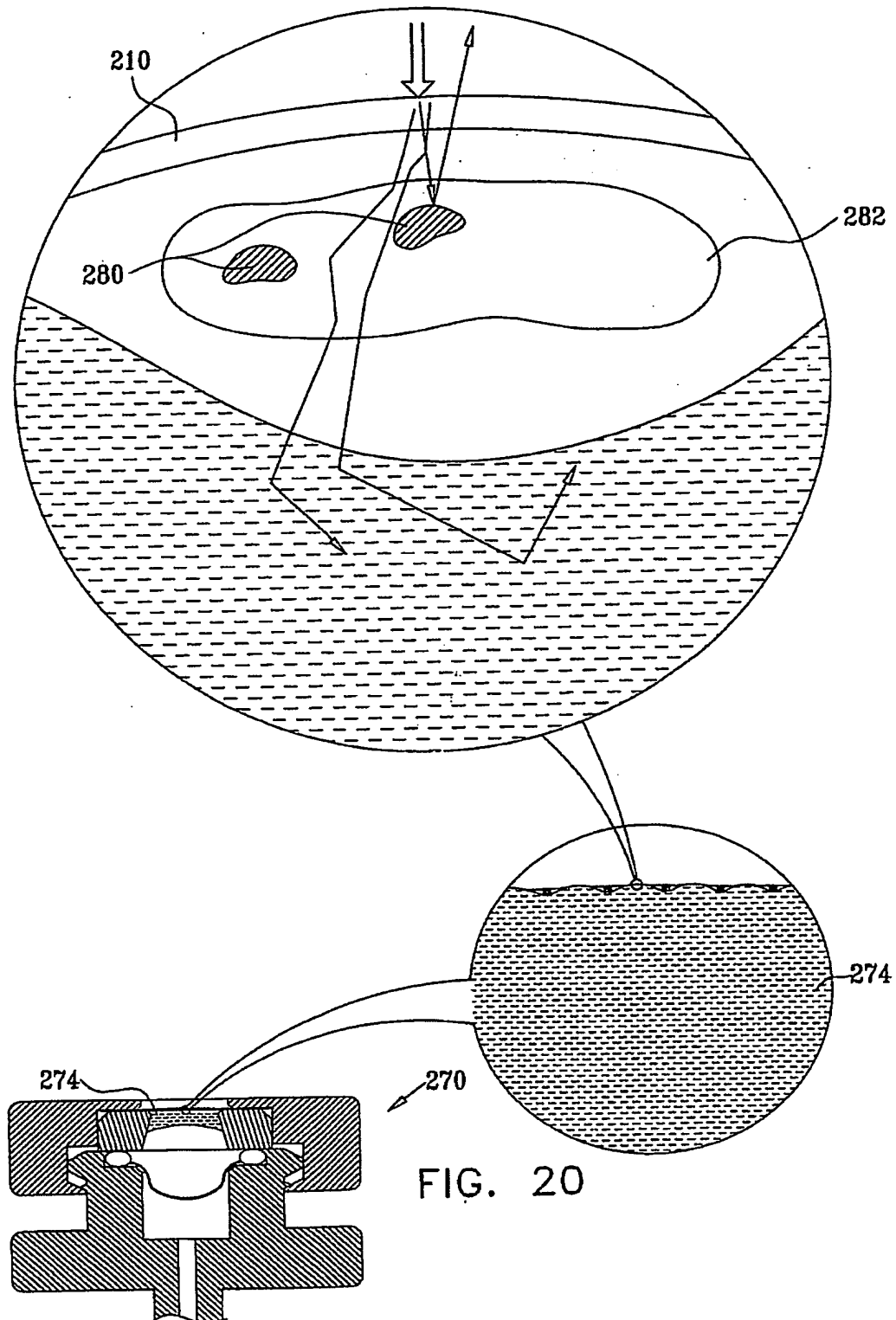
FIG. 18C



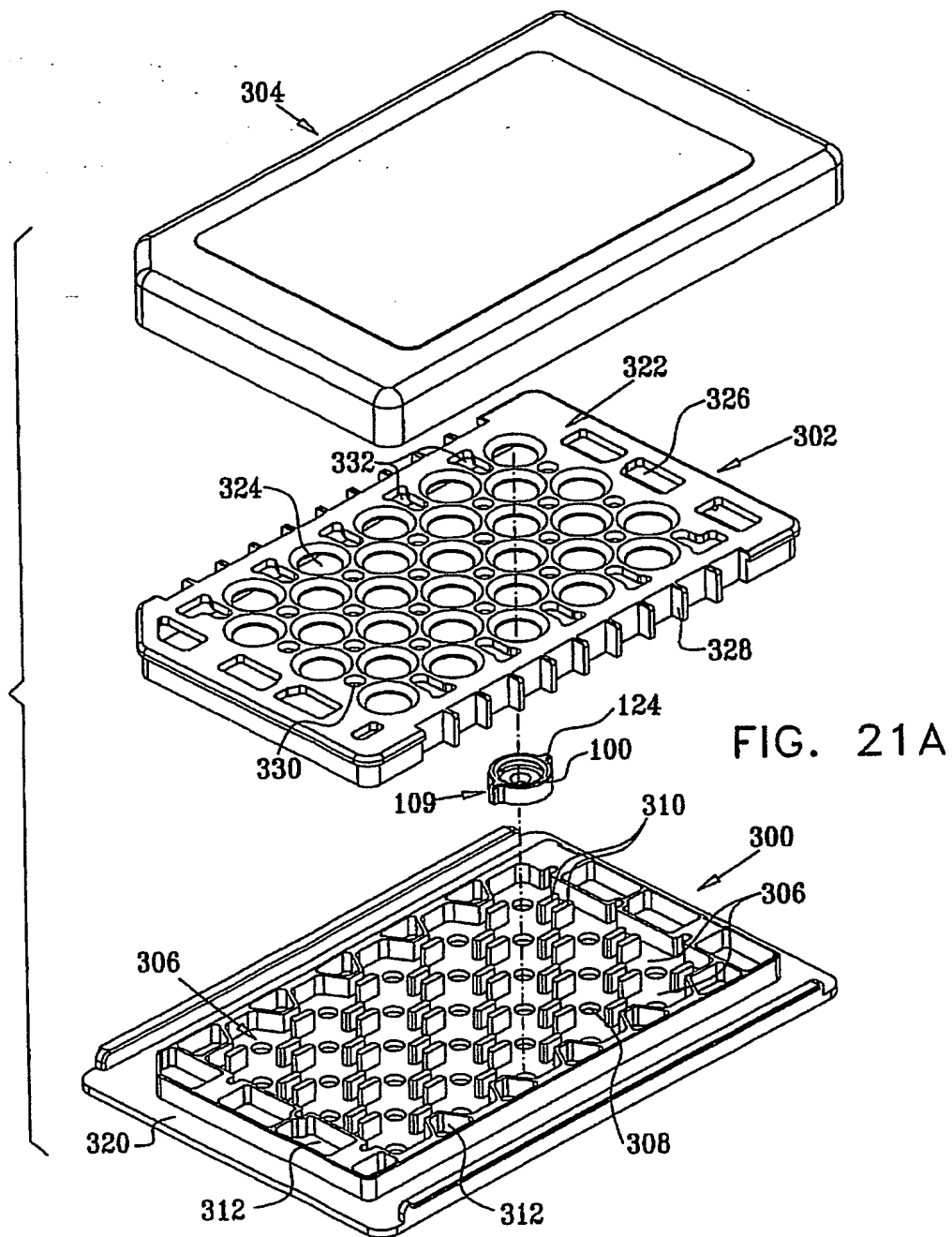
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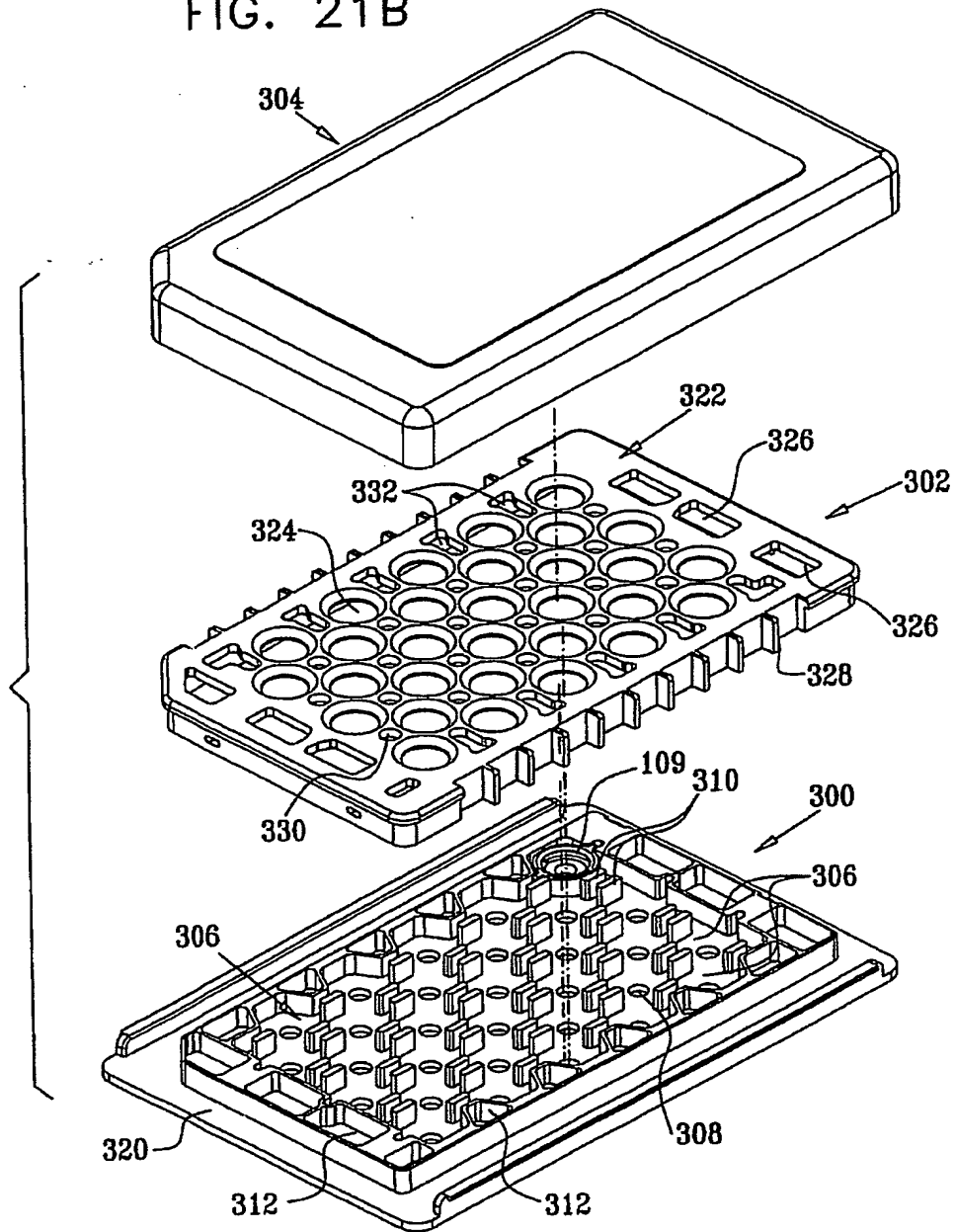


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FIG. 21B





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FIG. 22A

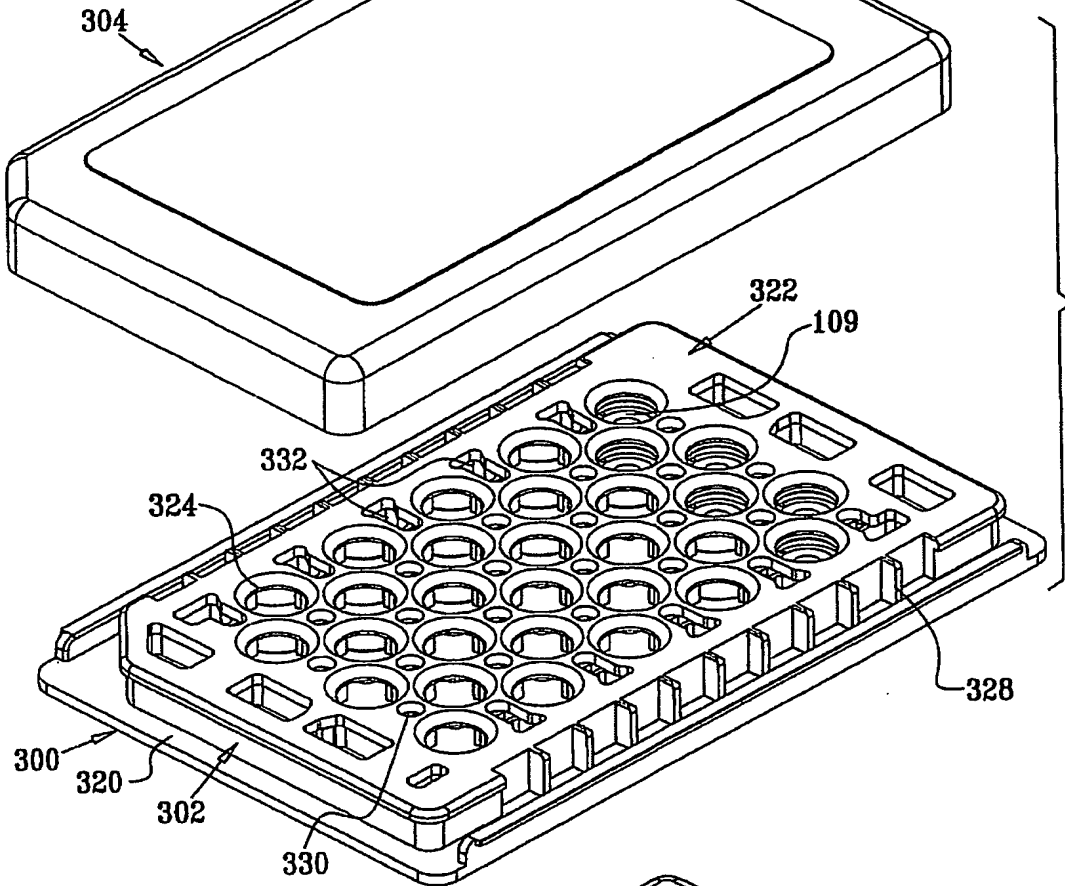
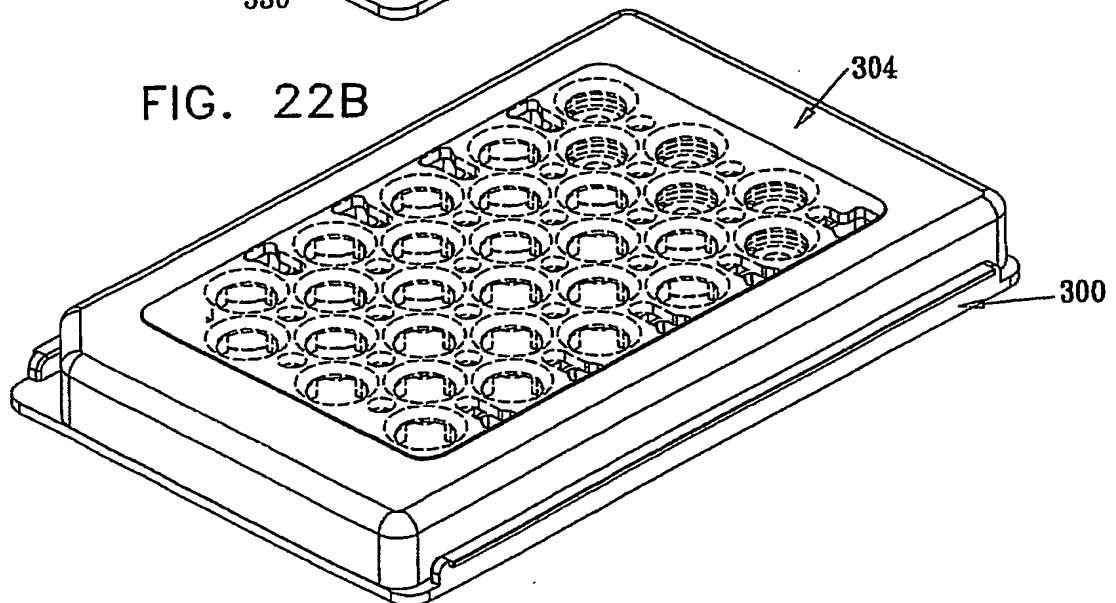


FIG. 22B



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FIG. 23A

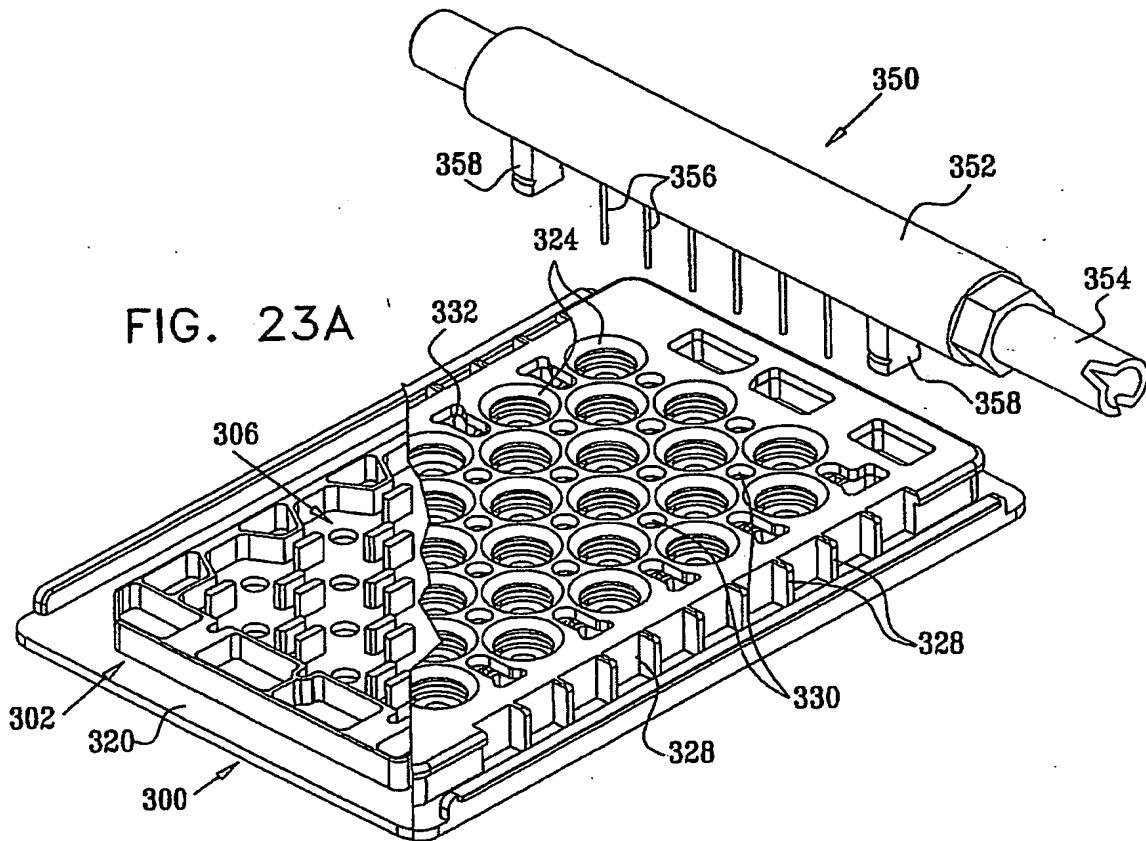
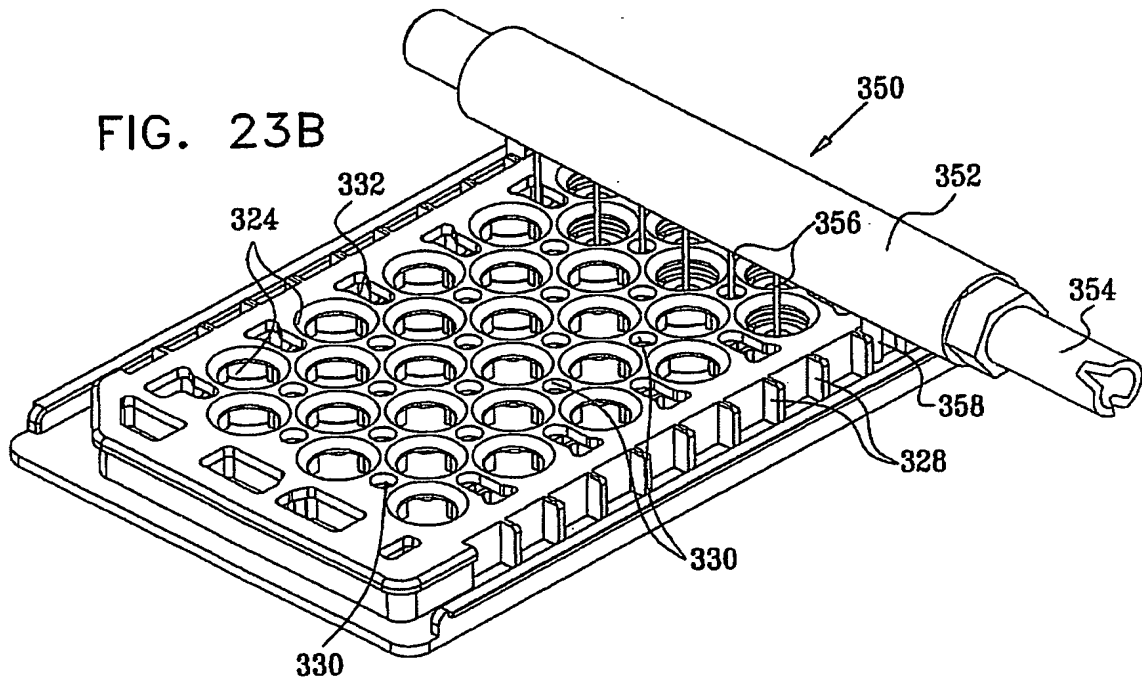
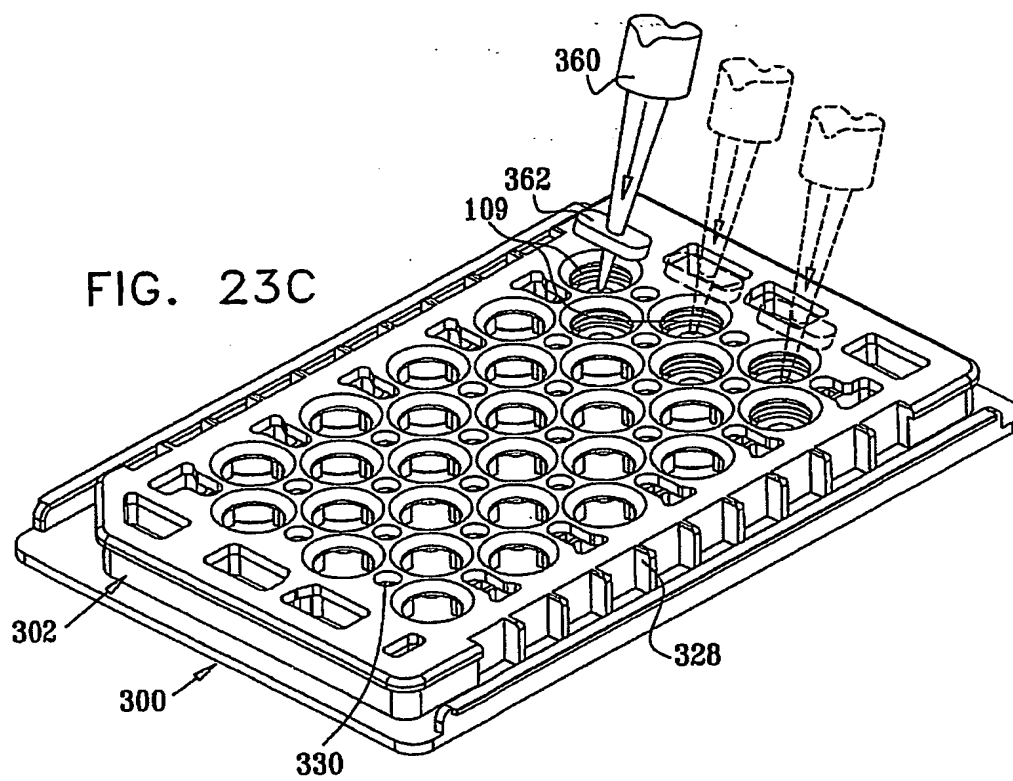


FIG. 23B



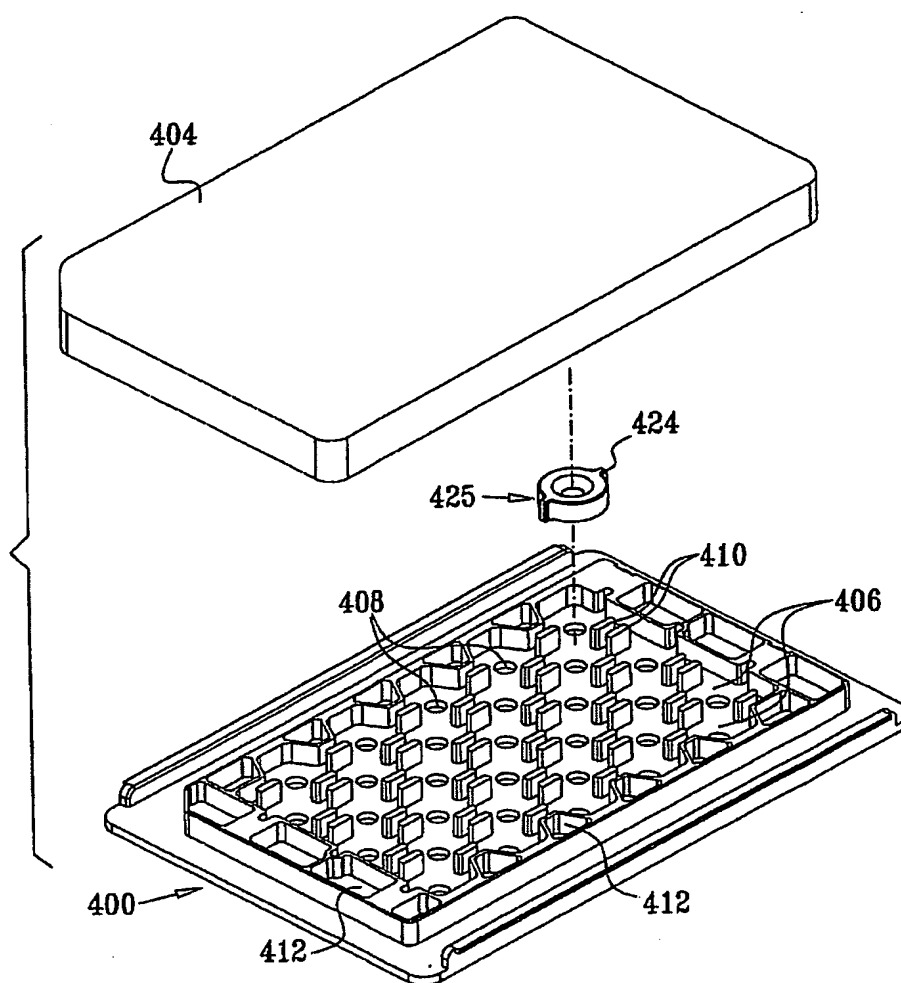
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FIG. 23C



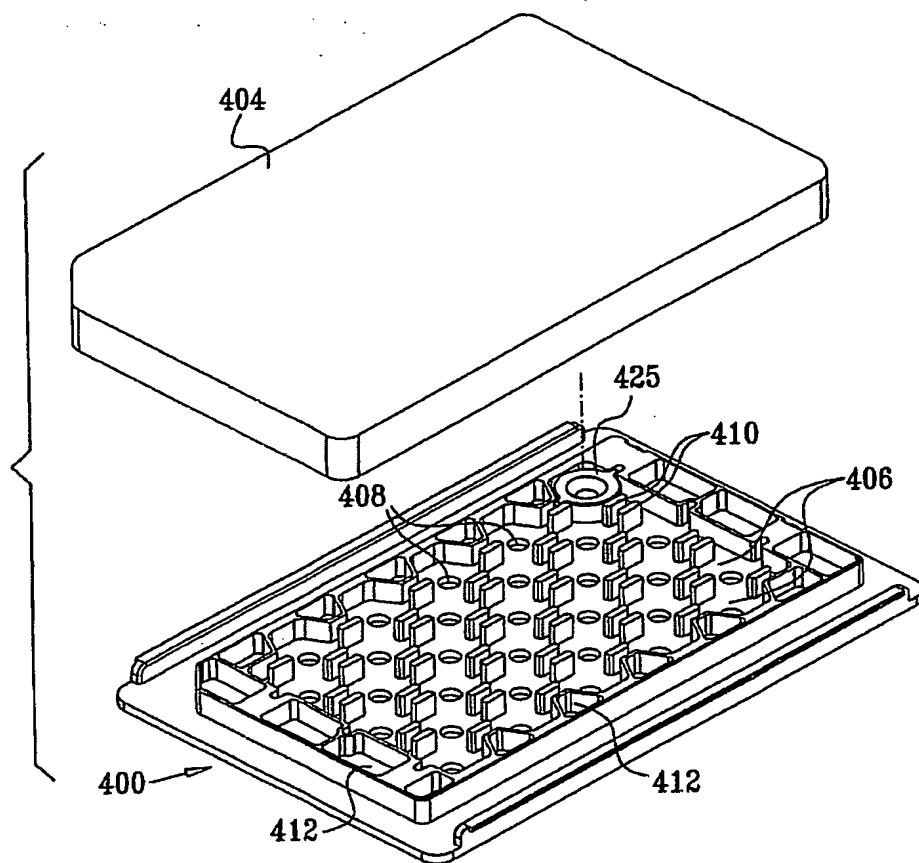
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FIG. 24A



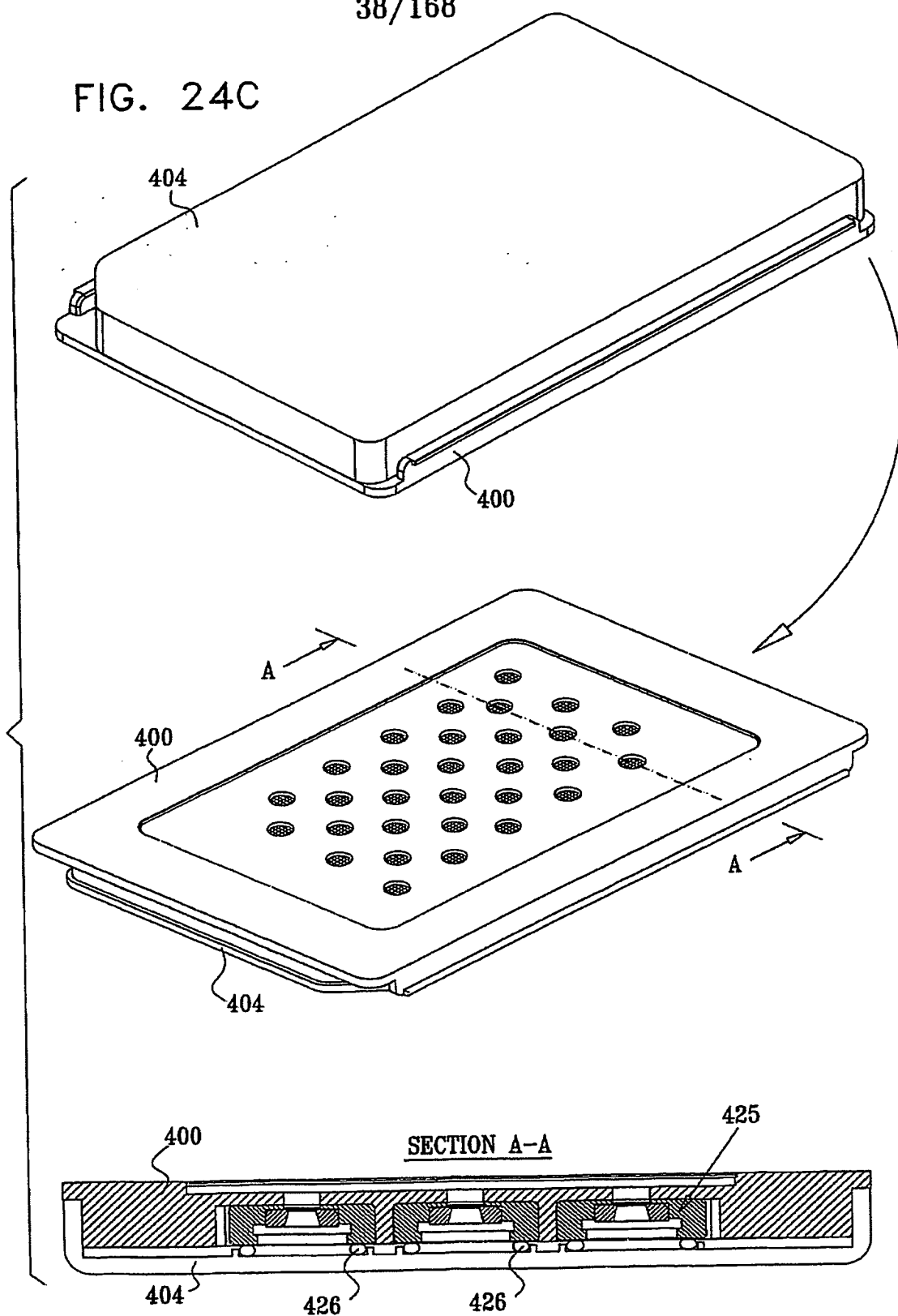
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FIG. 24B



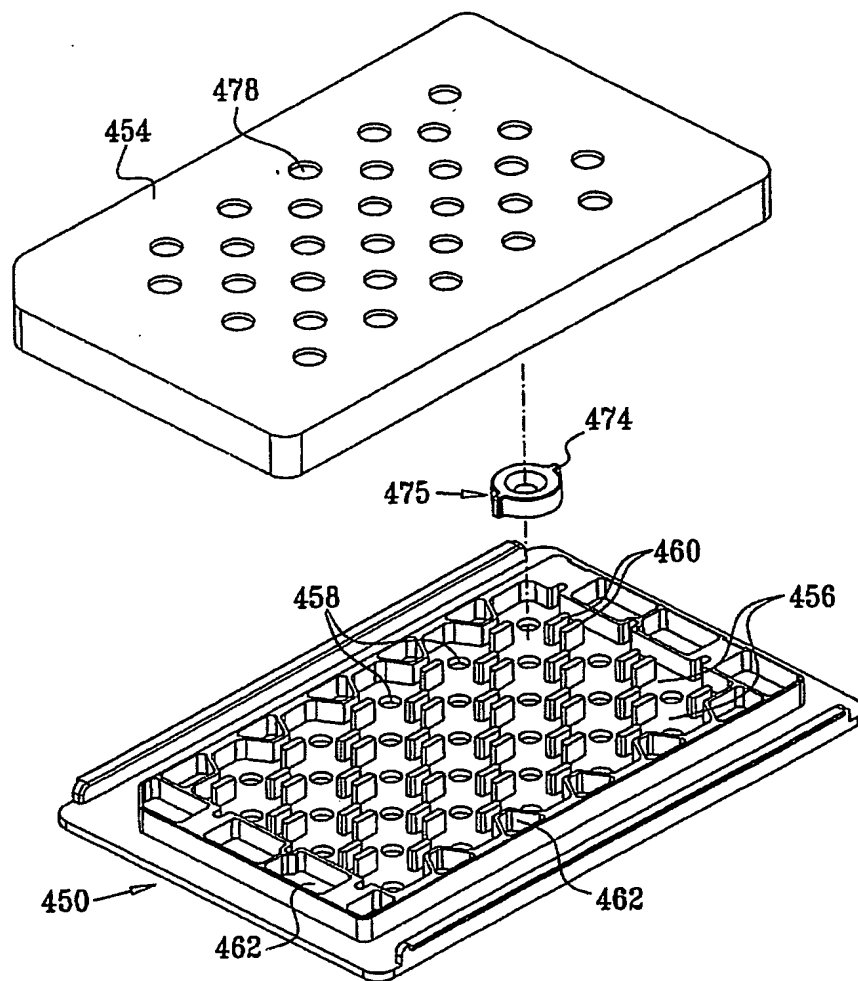
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FIG. 24C



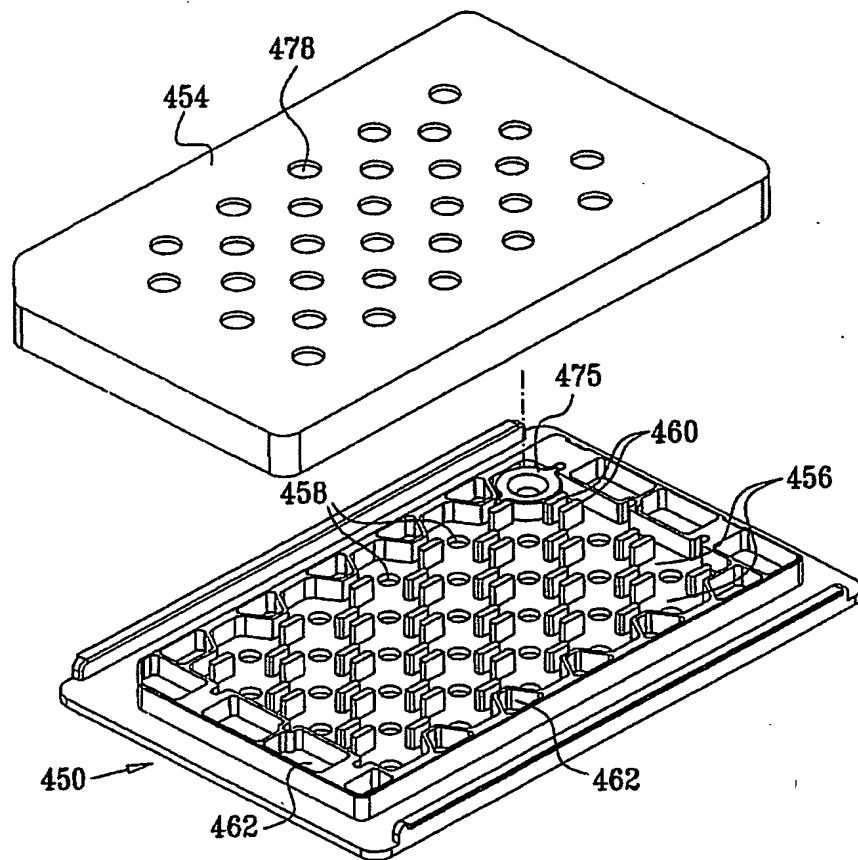
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FIG. 25A



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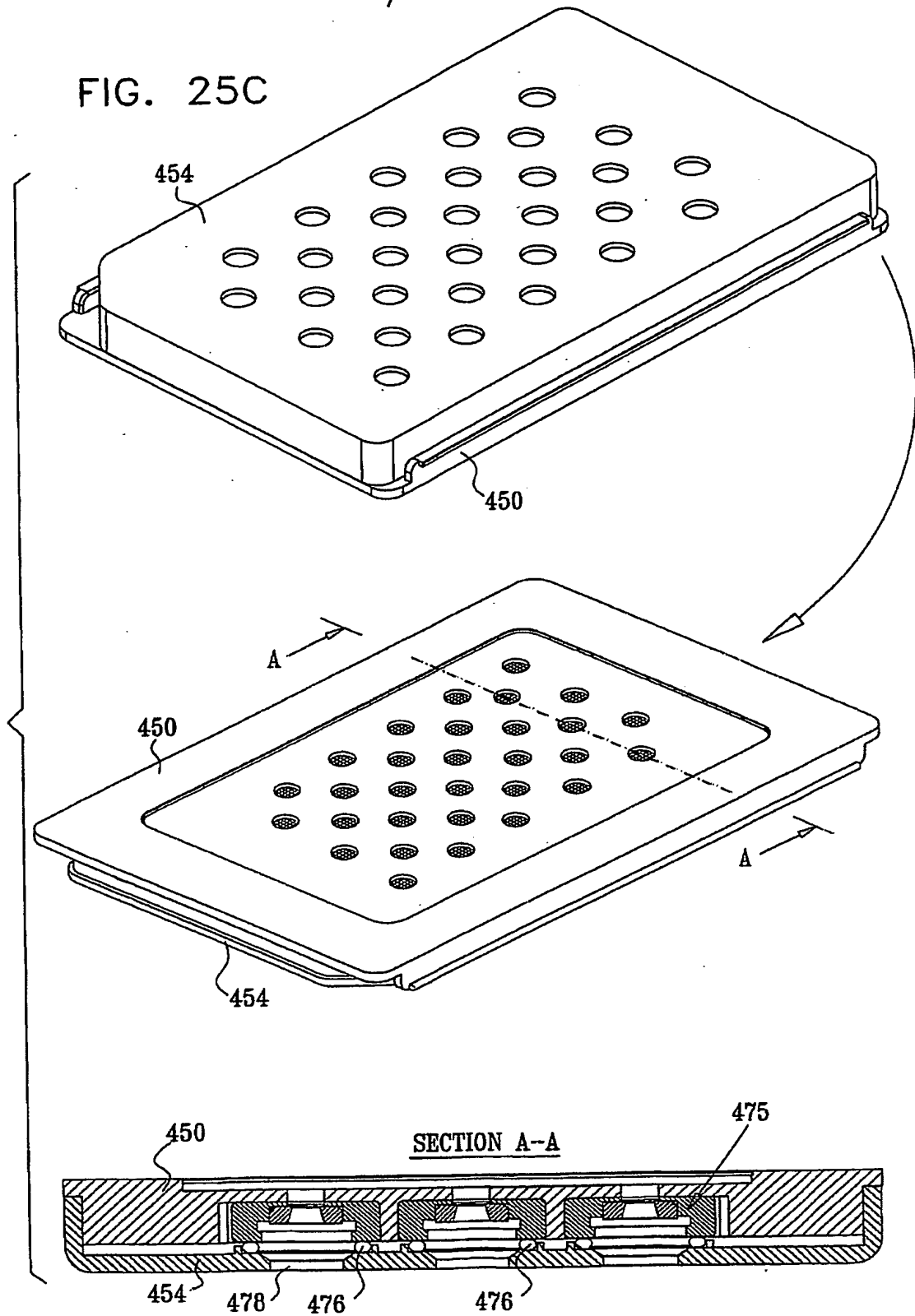
FIG. 25B





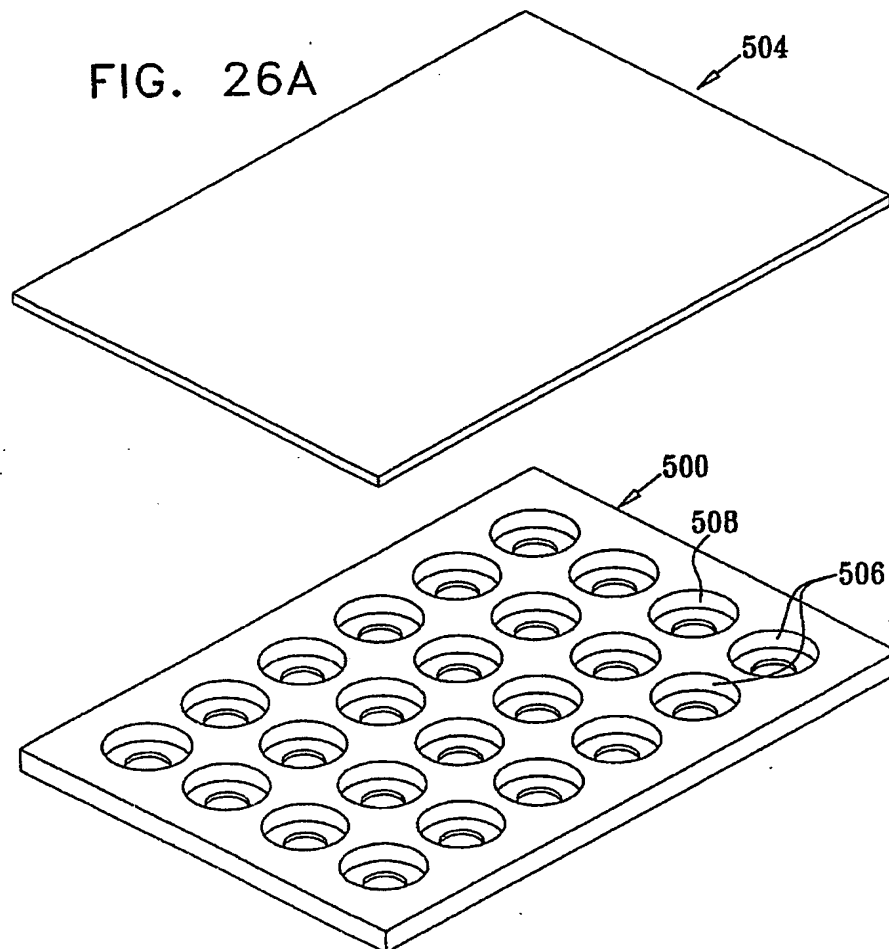
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FIG. 25C

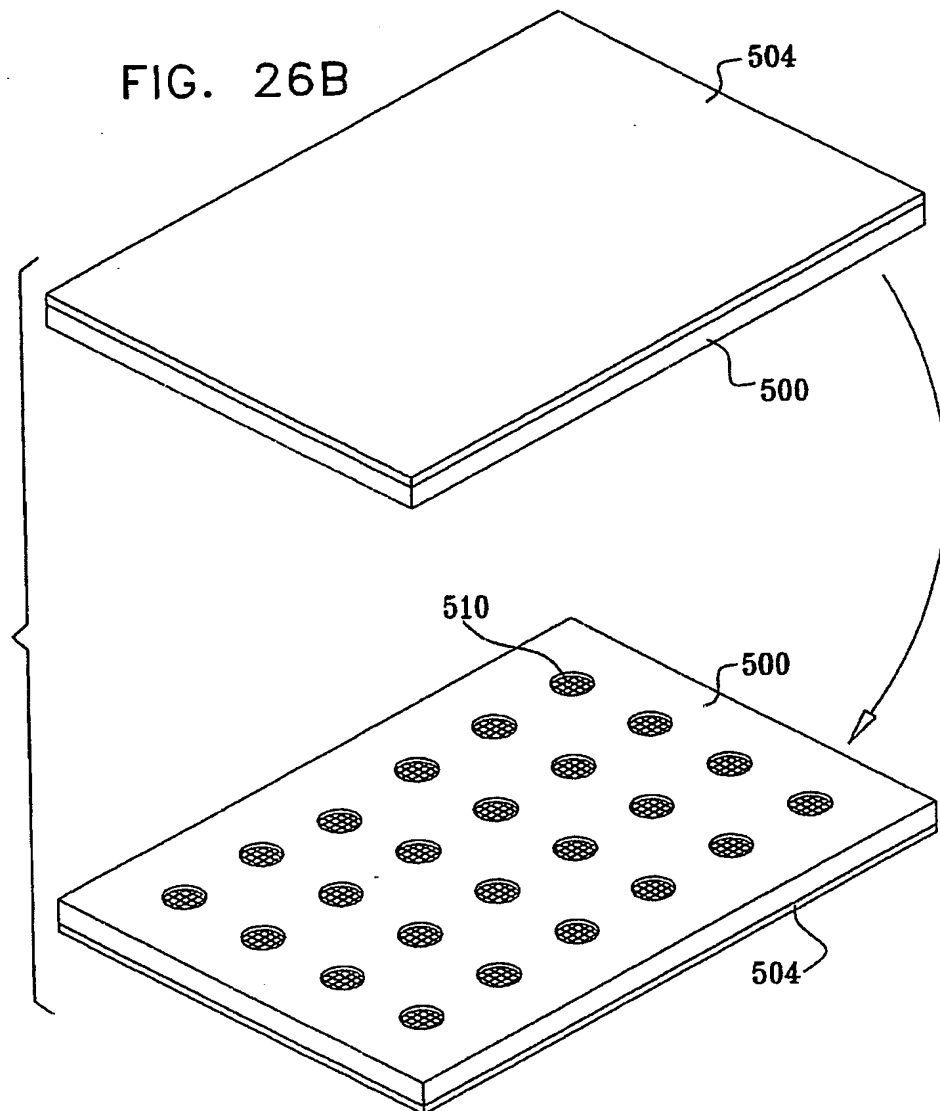


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FIG. 26A

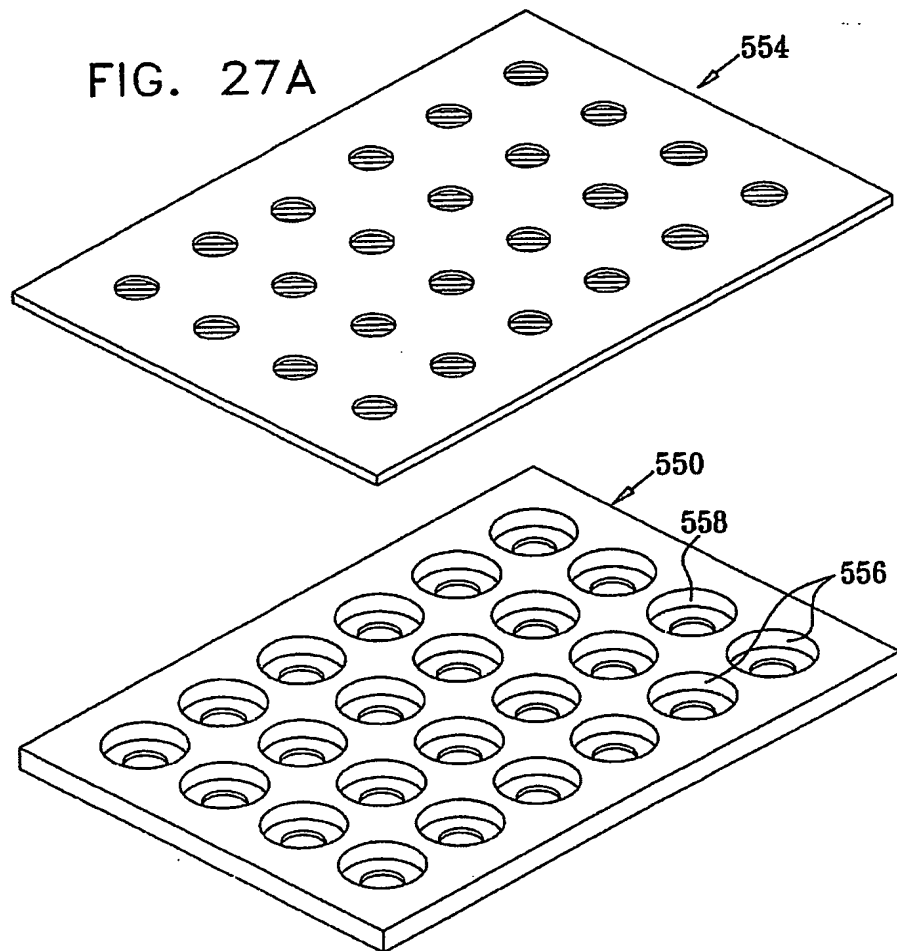


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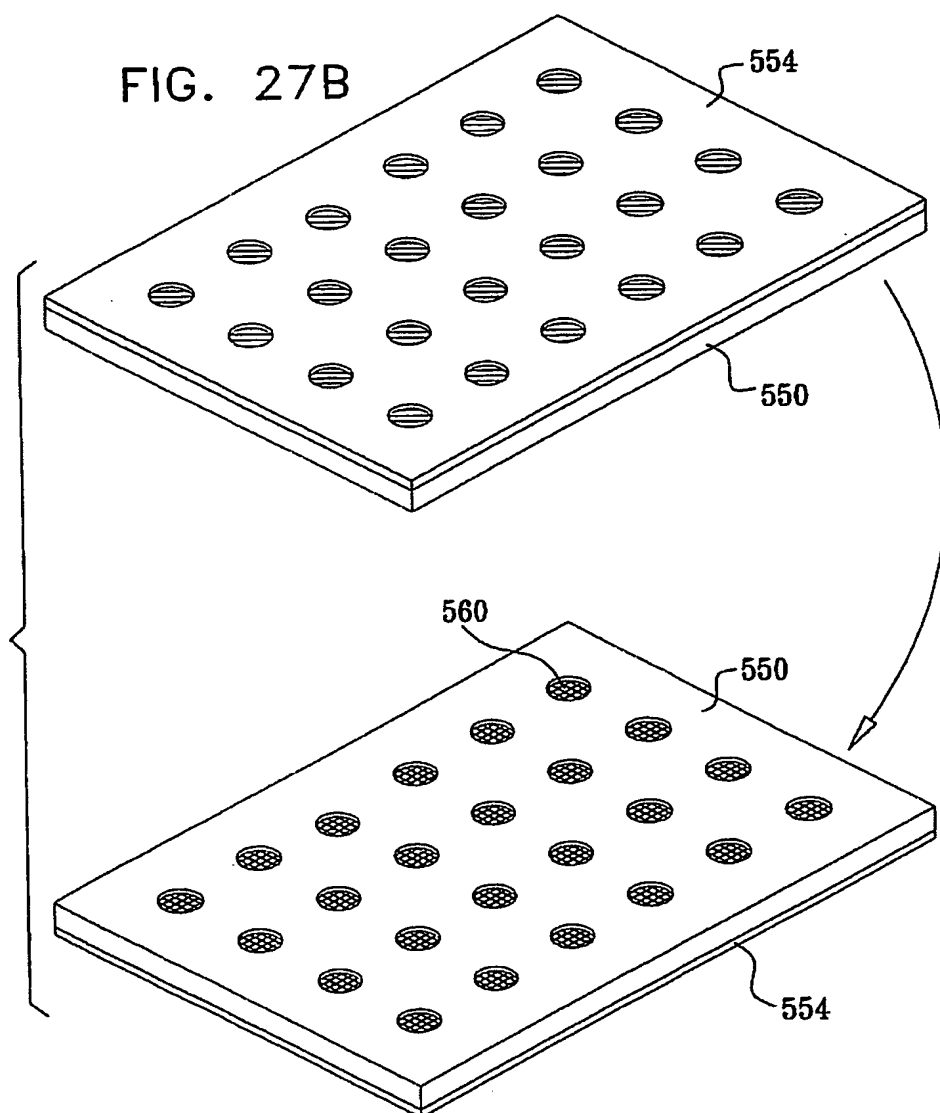


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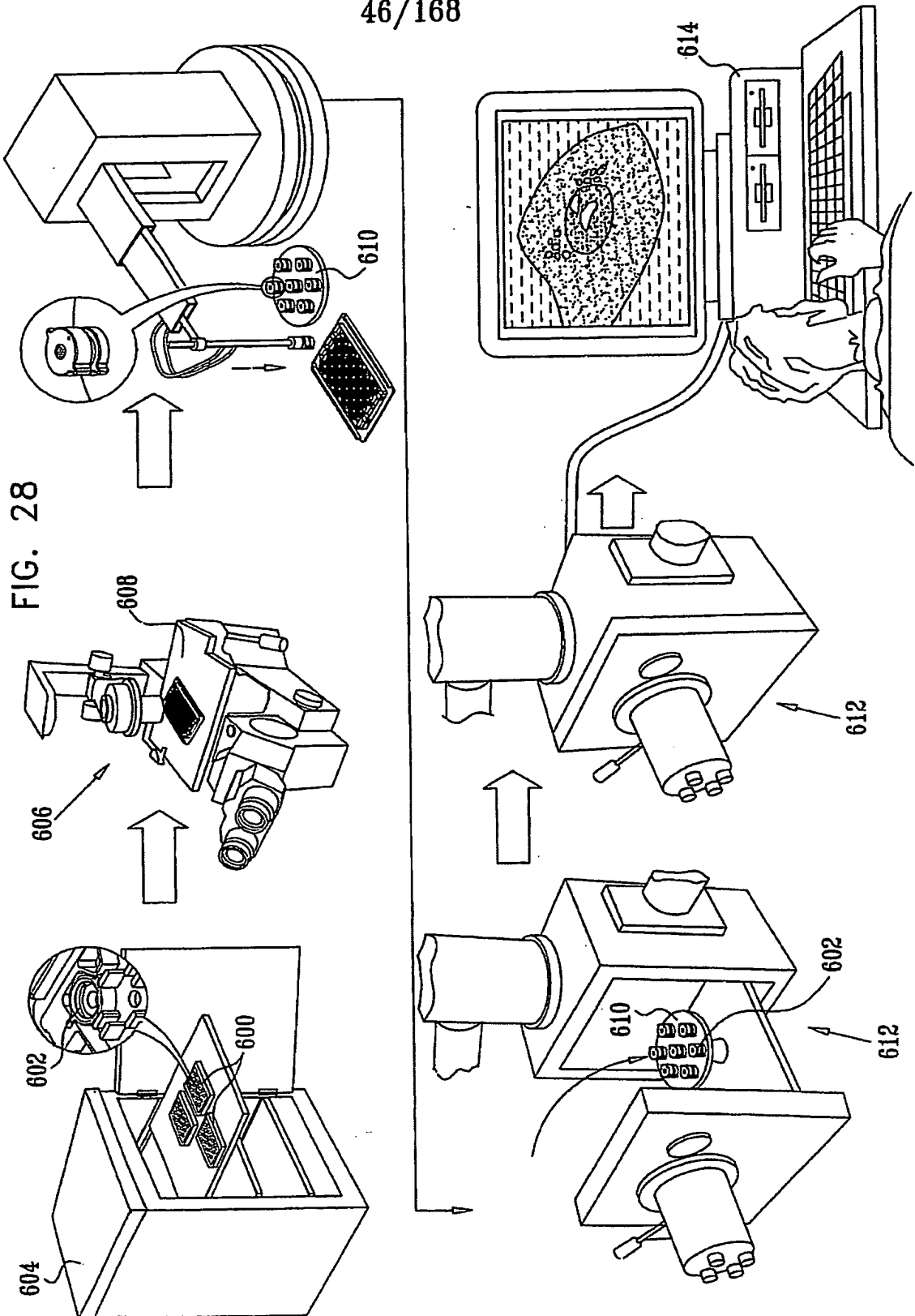
FIG. 27A



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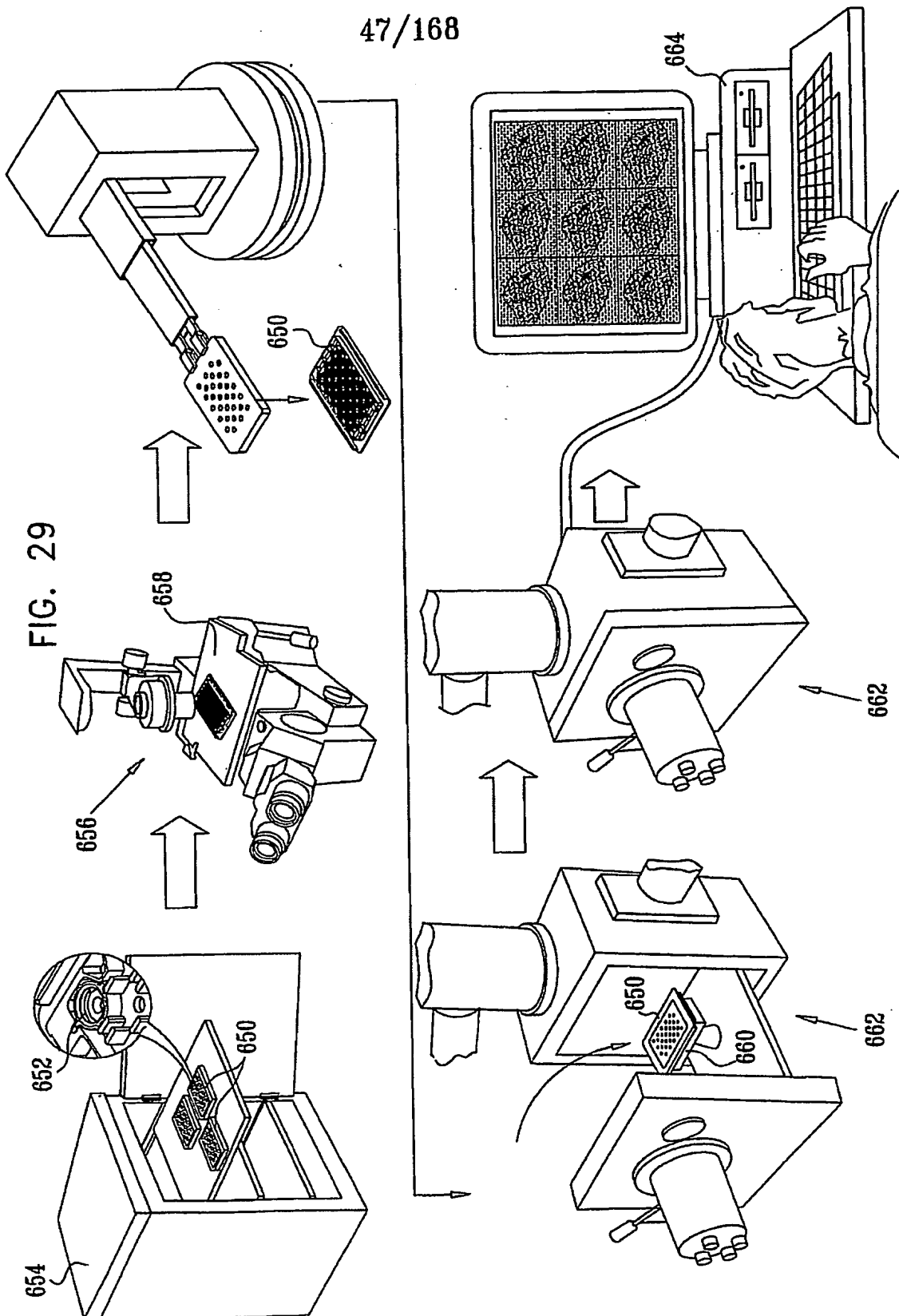


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FIG. 29



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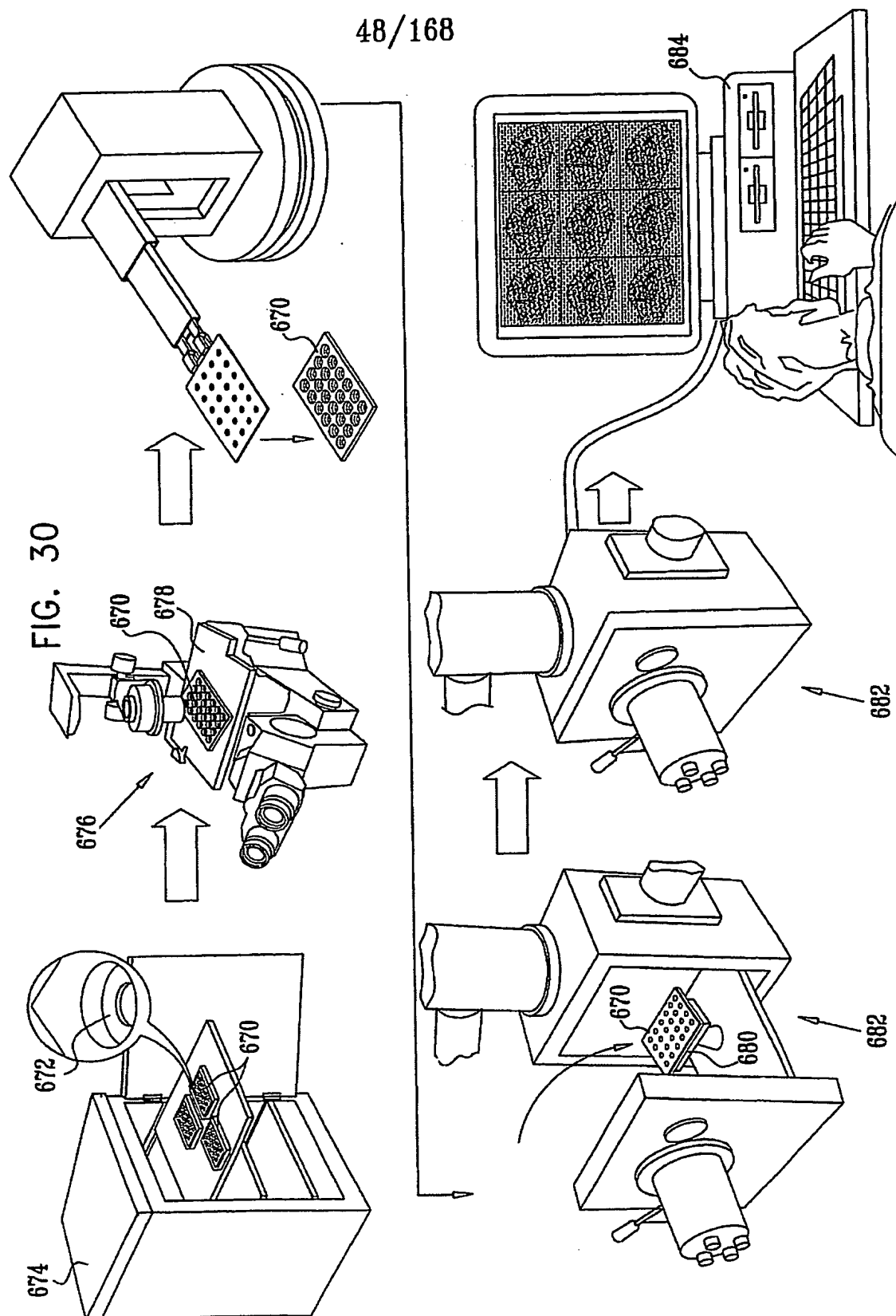




FIG. 31A

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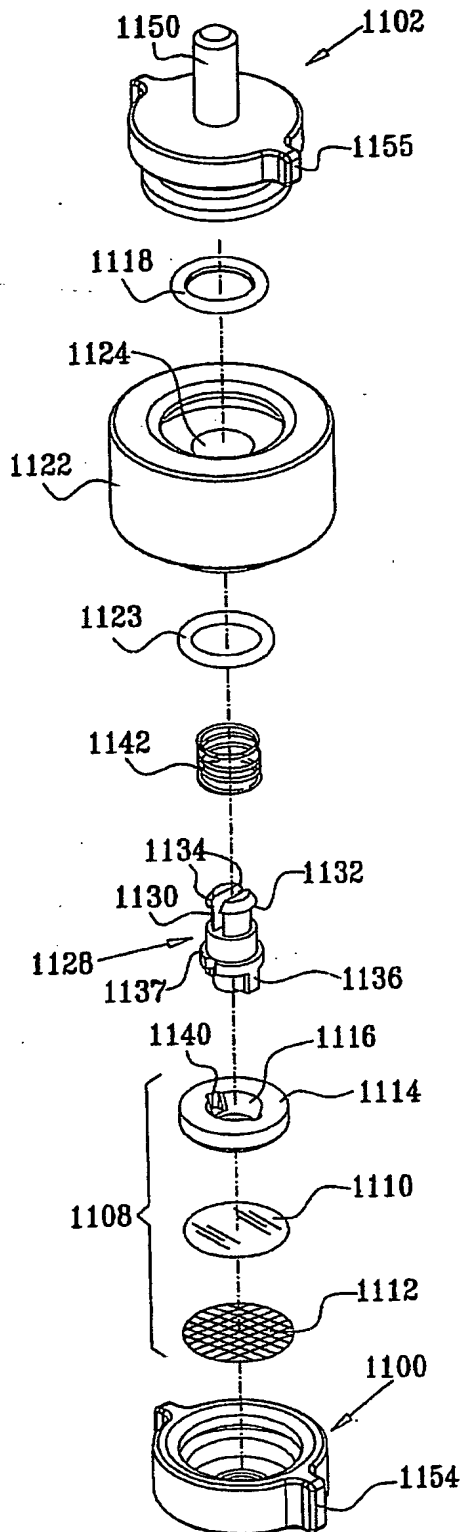
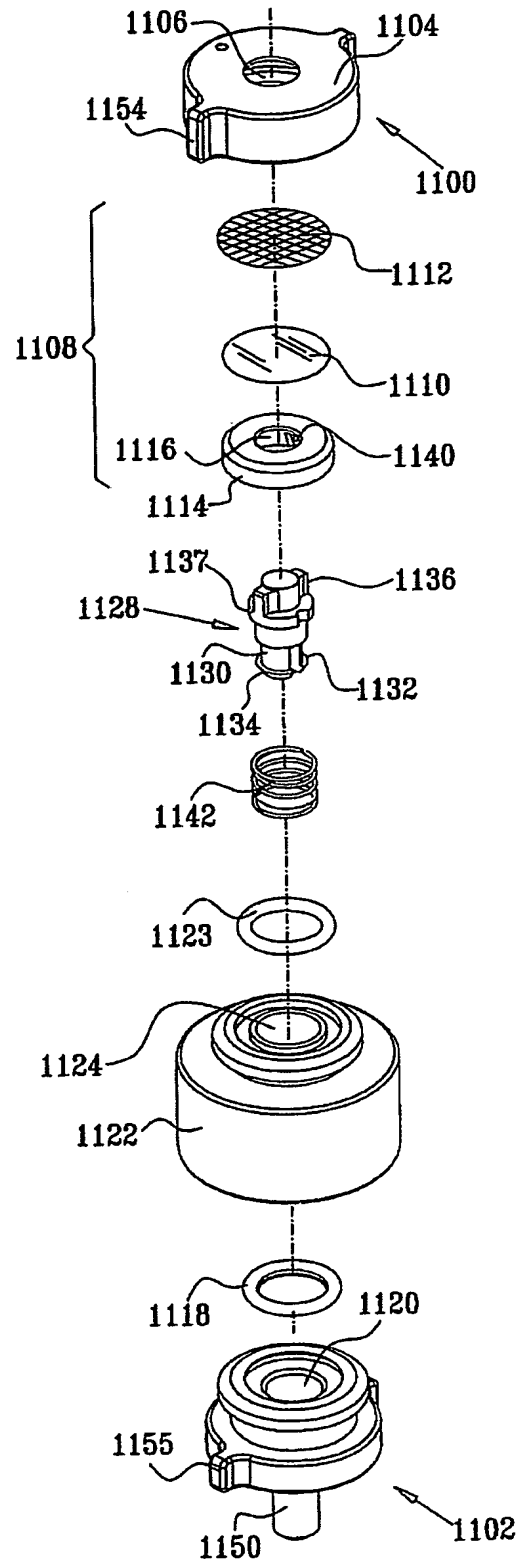


FIG. 31B



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FIG. 32A

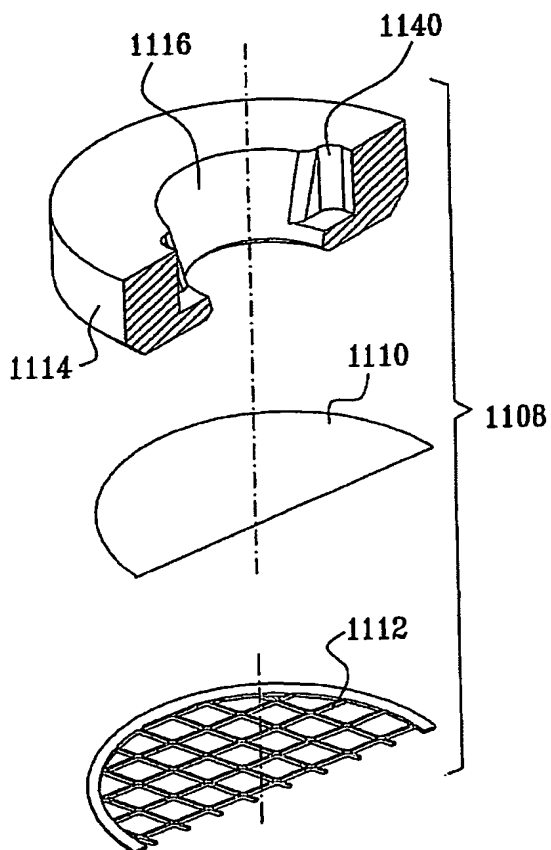
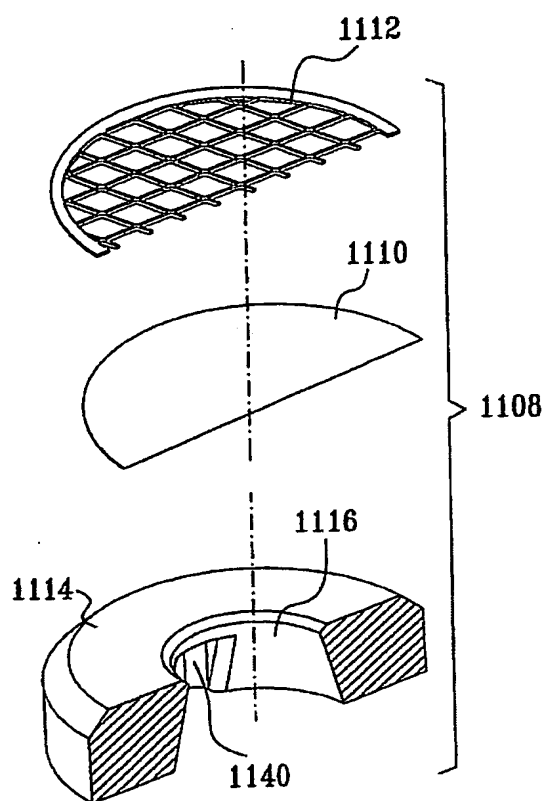


FIG. 32B



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FIG. 33A

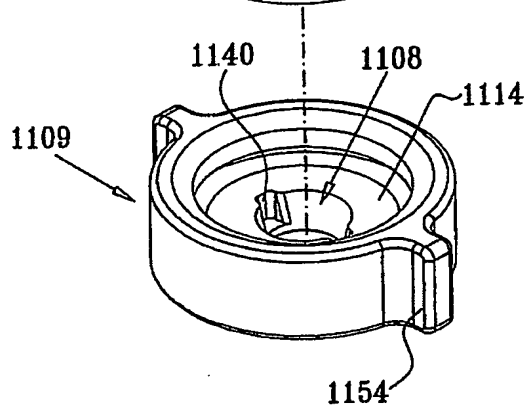
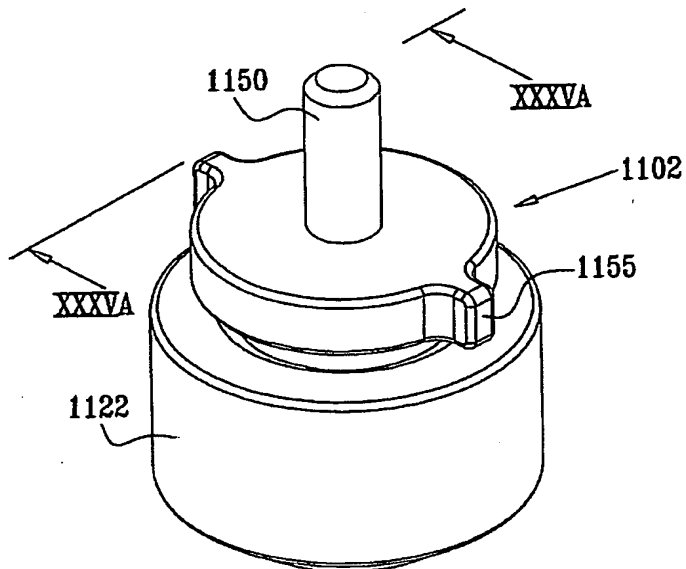
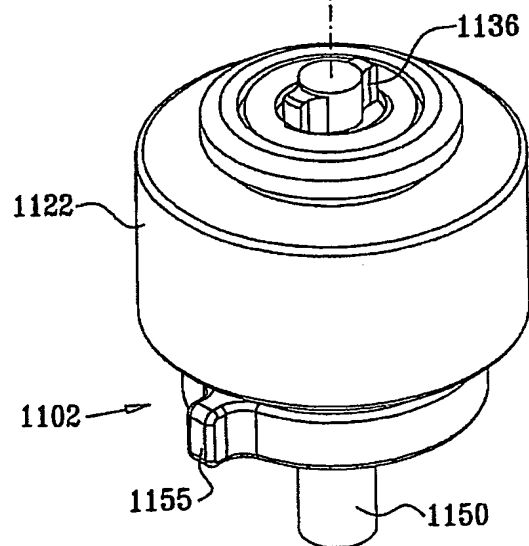
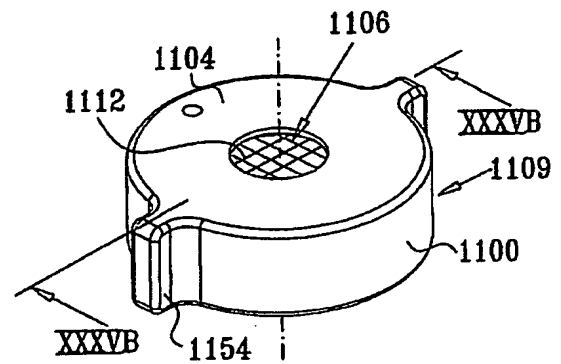


FIG. 33B



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FIG. 34A

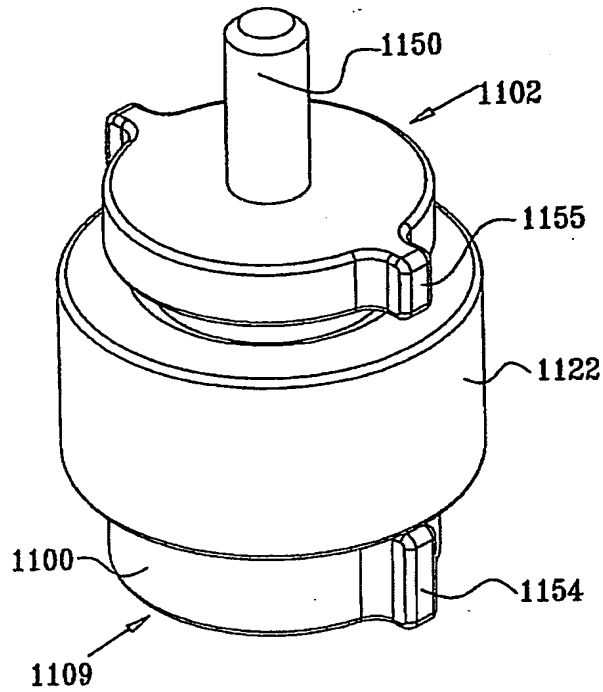


FIG. 34B

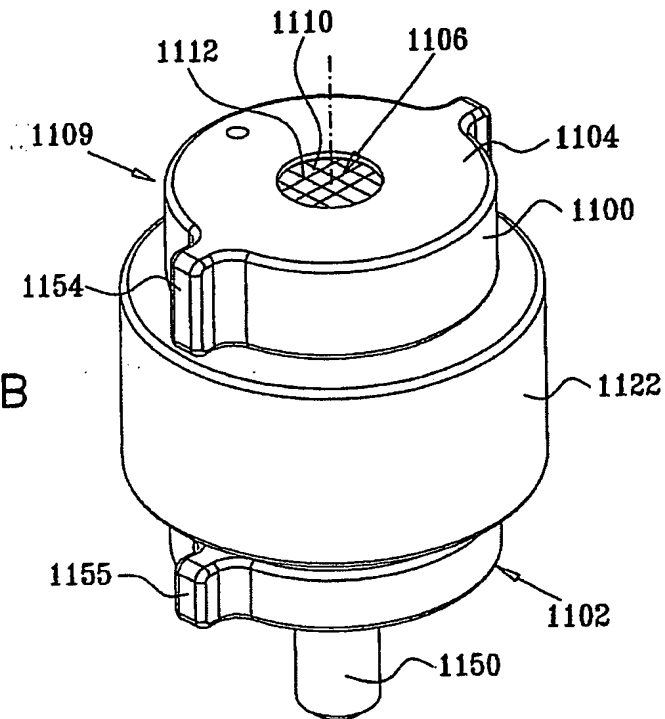
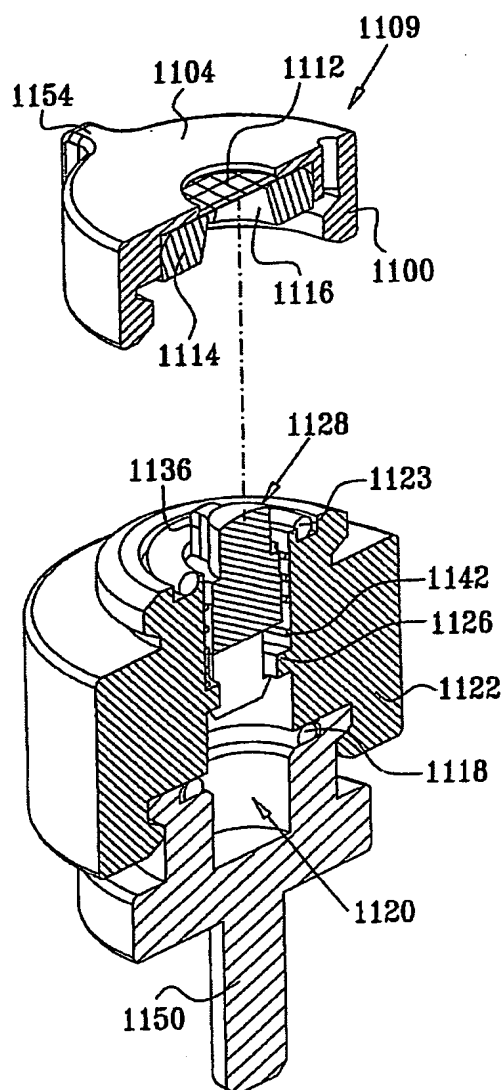


FIG. 35B



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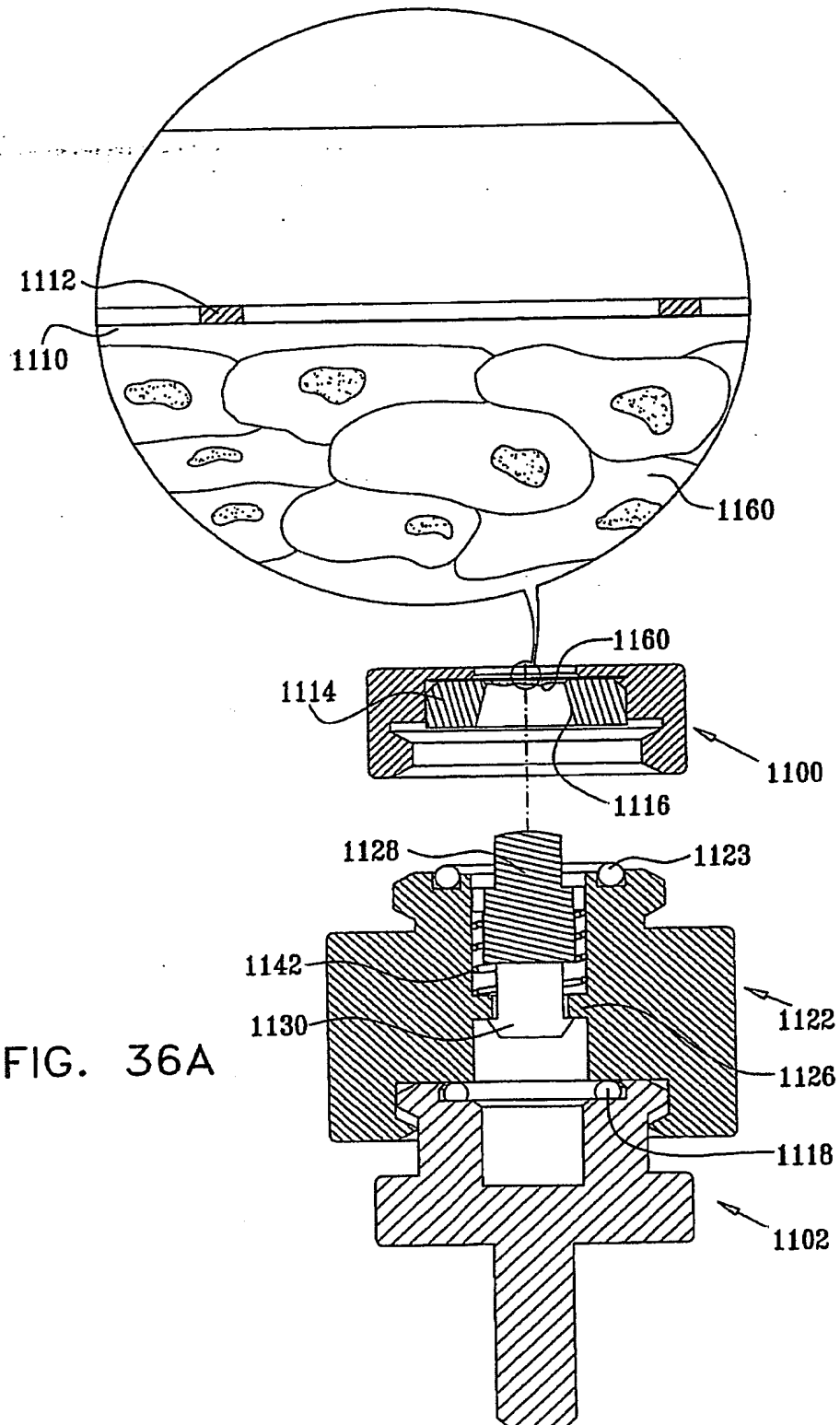


FIG. 36A

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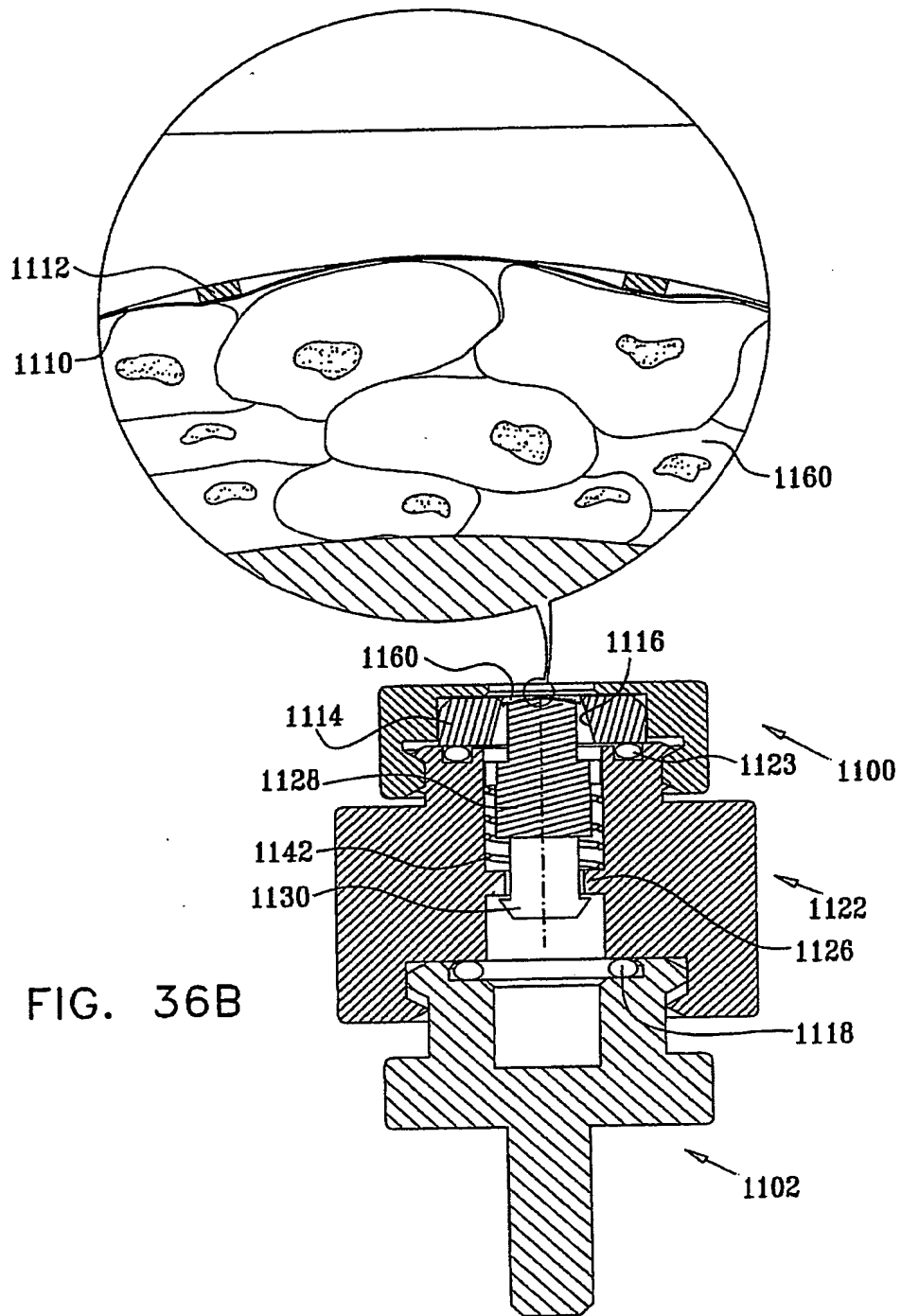


FIG. 36B

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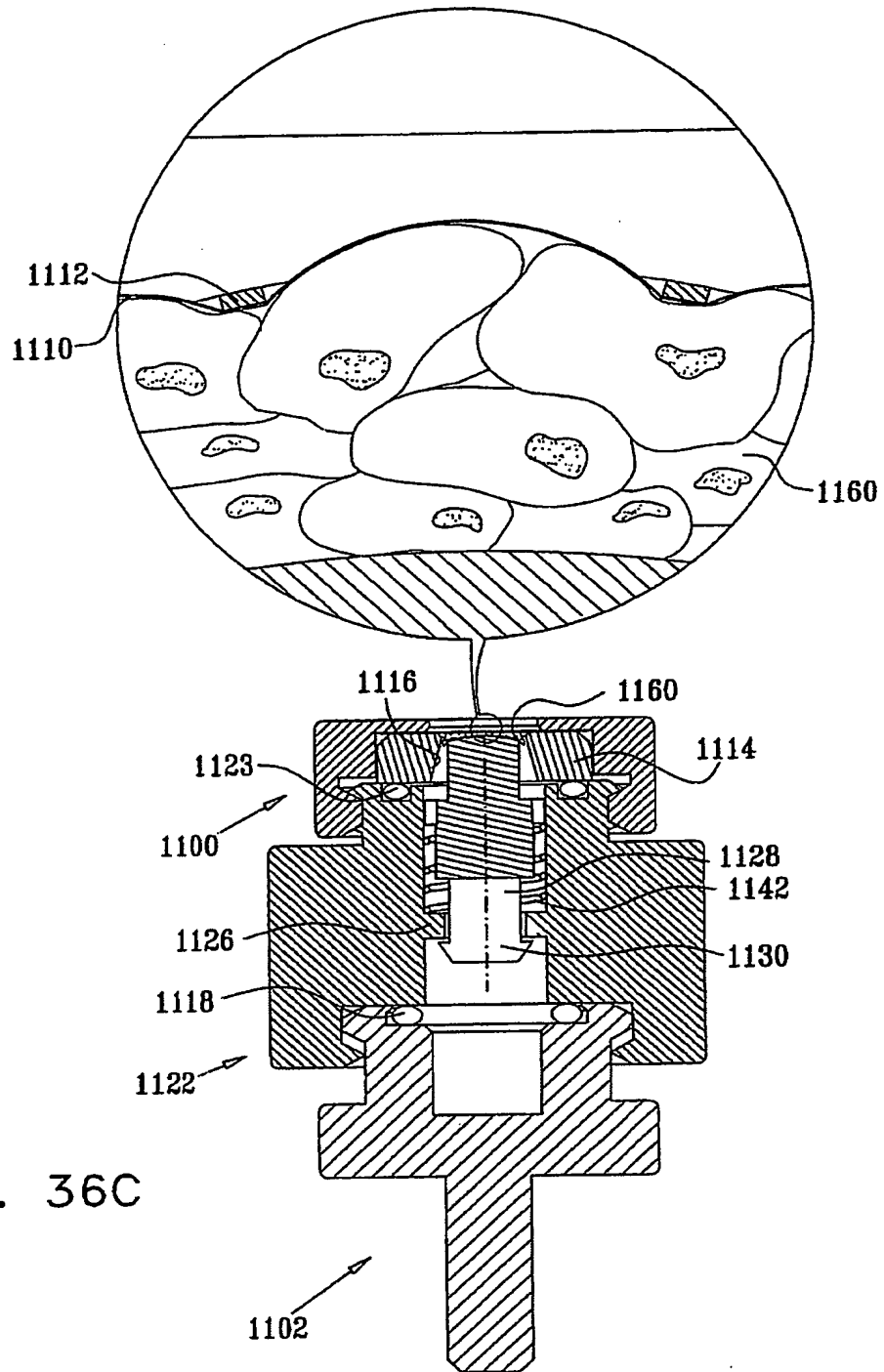
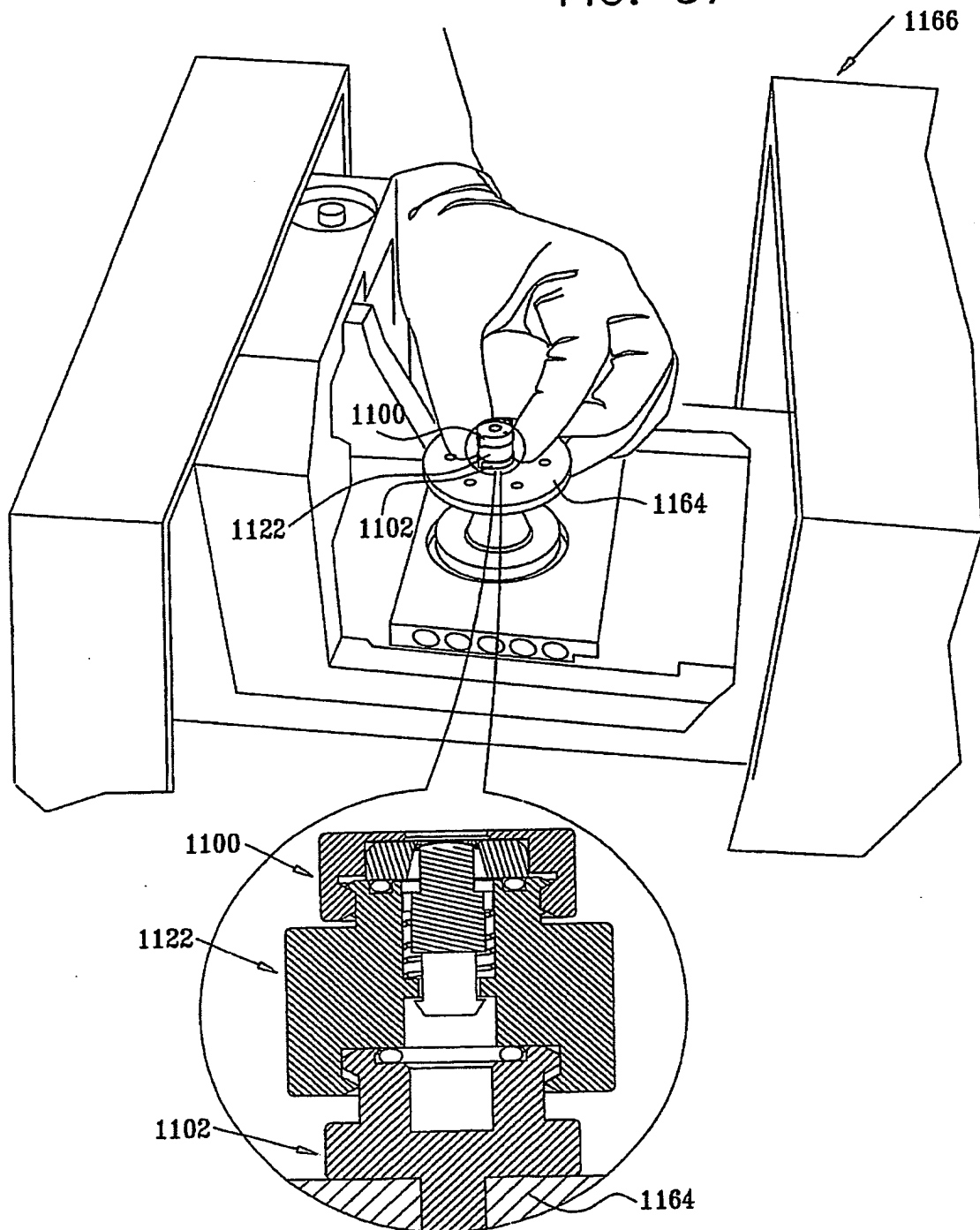


FIG. 36C

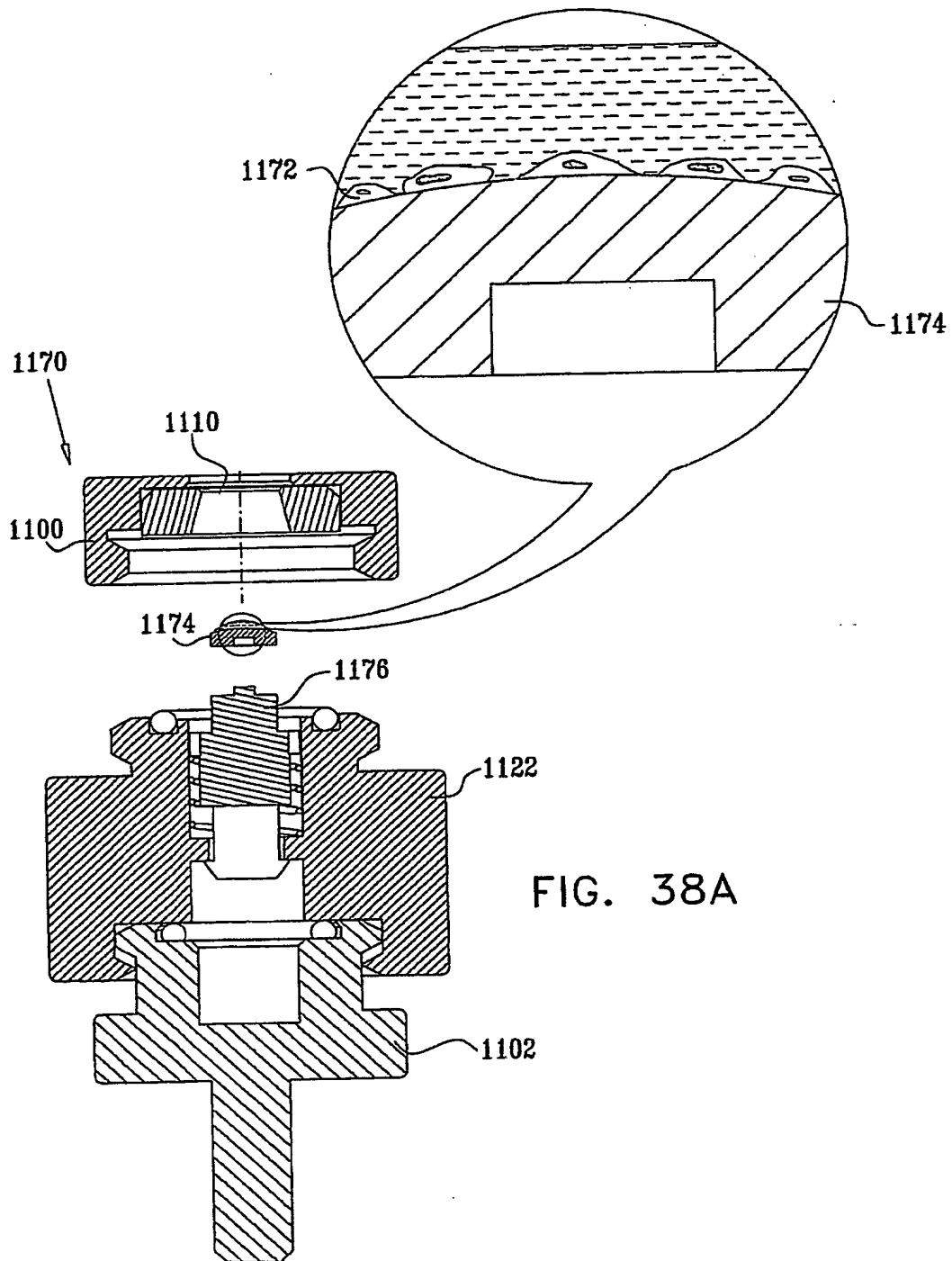


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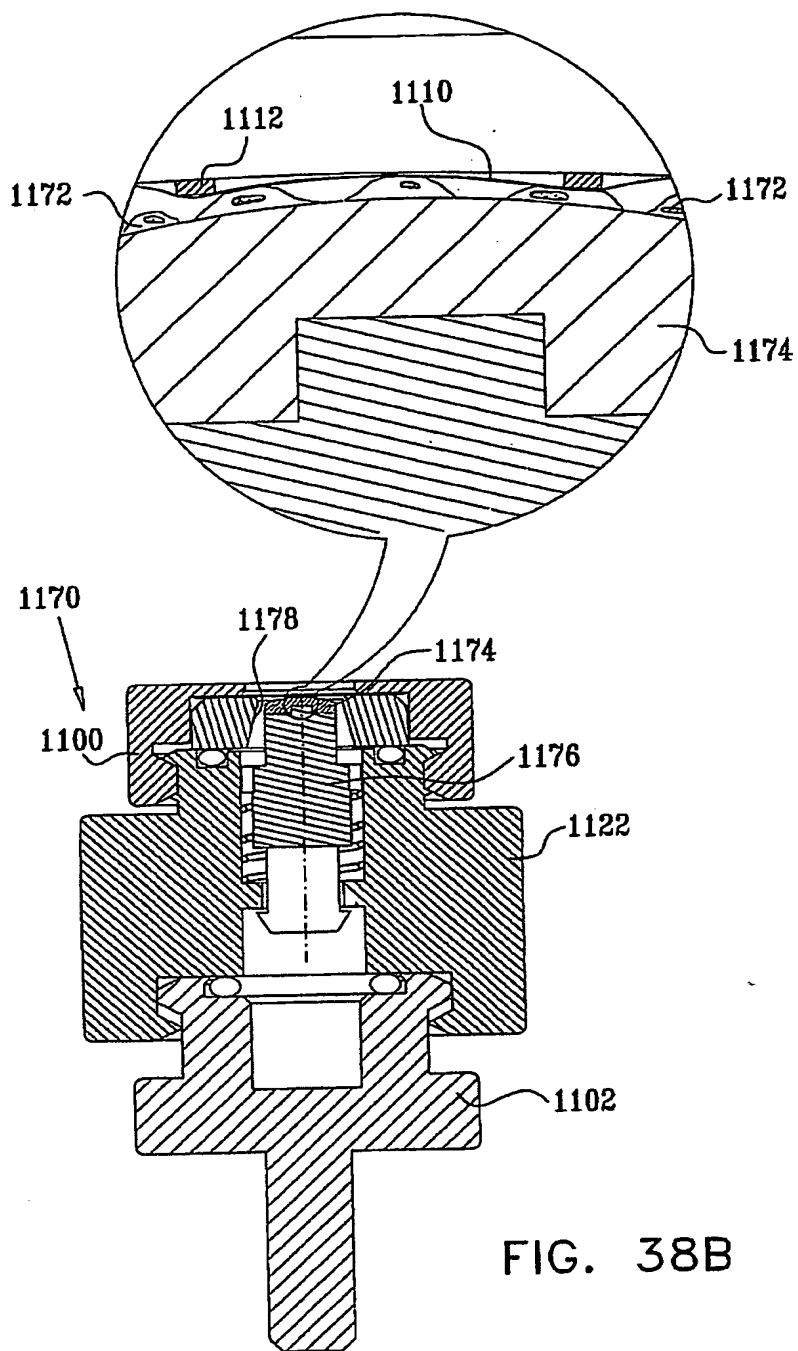
FIG. 37



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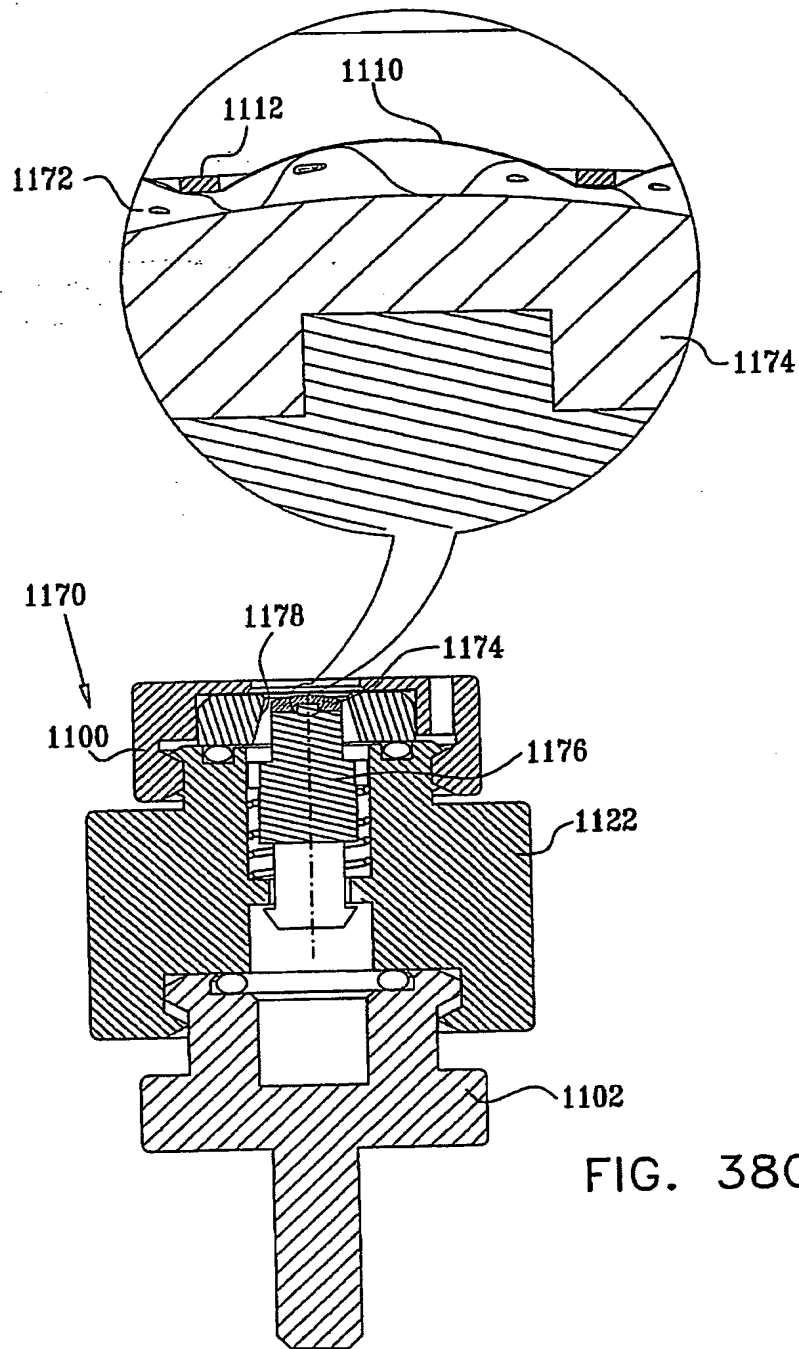
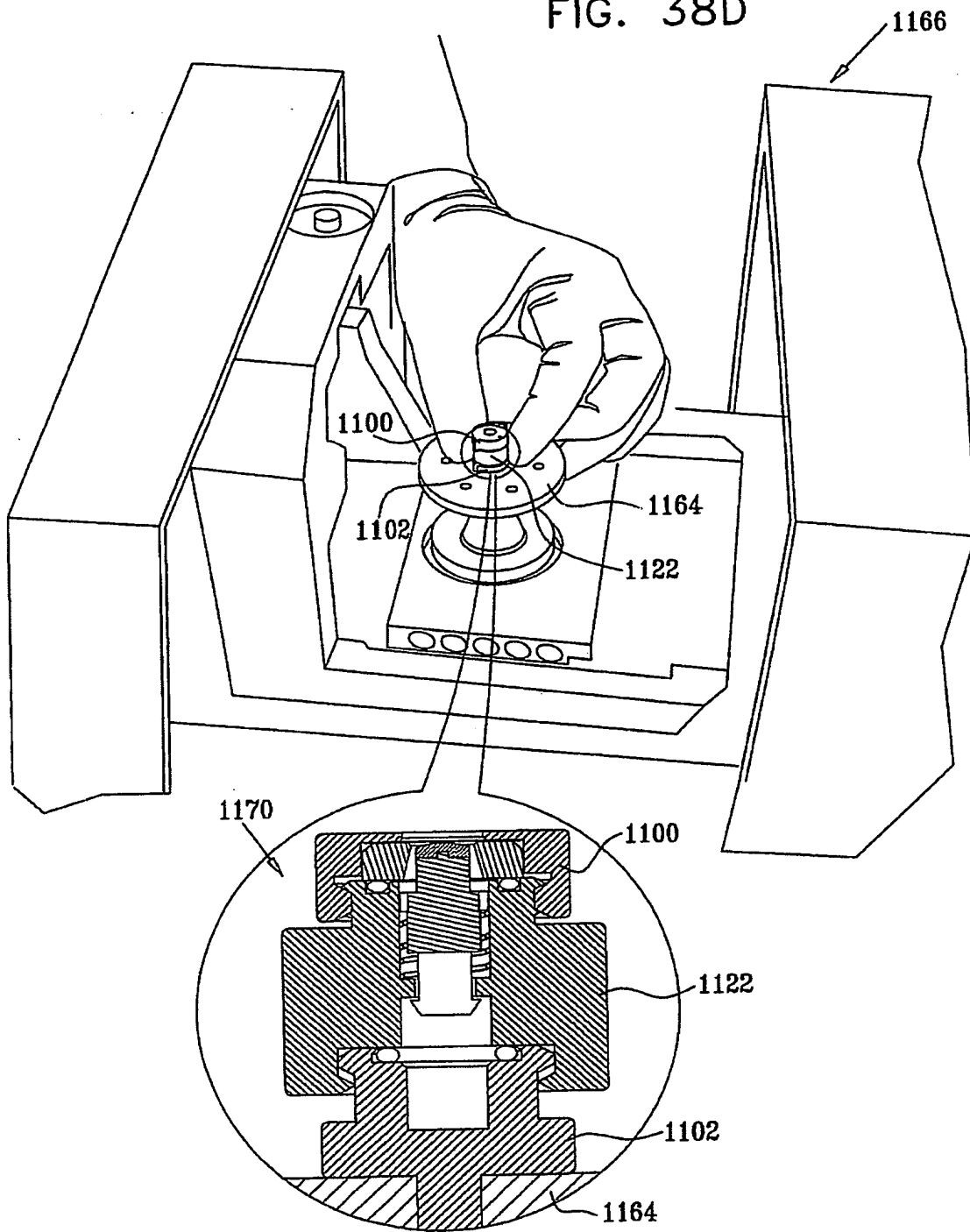


FIG. 38C

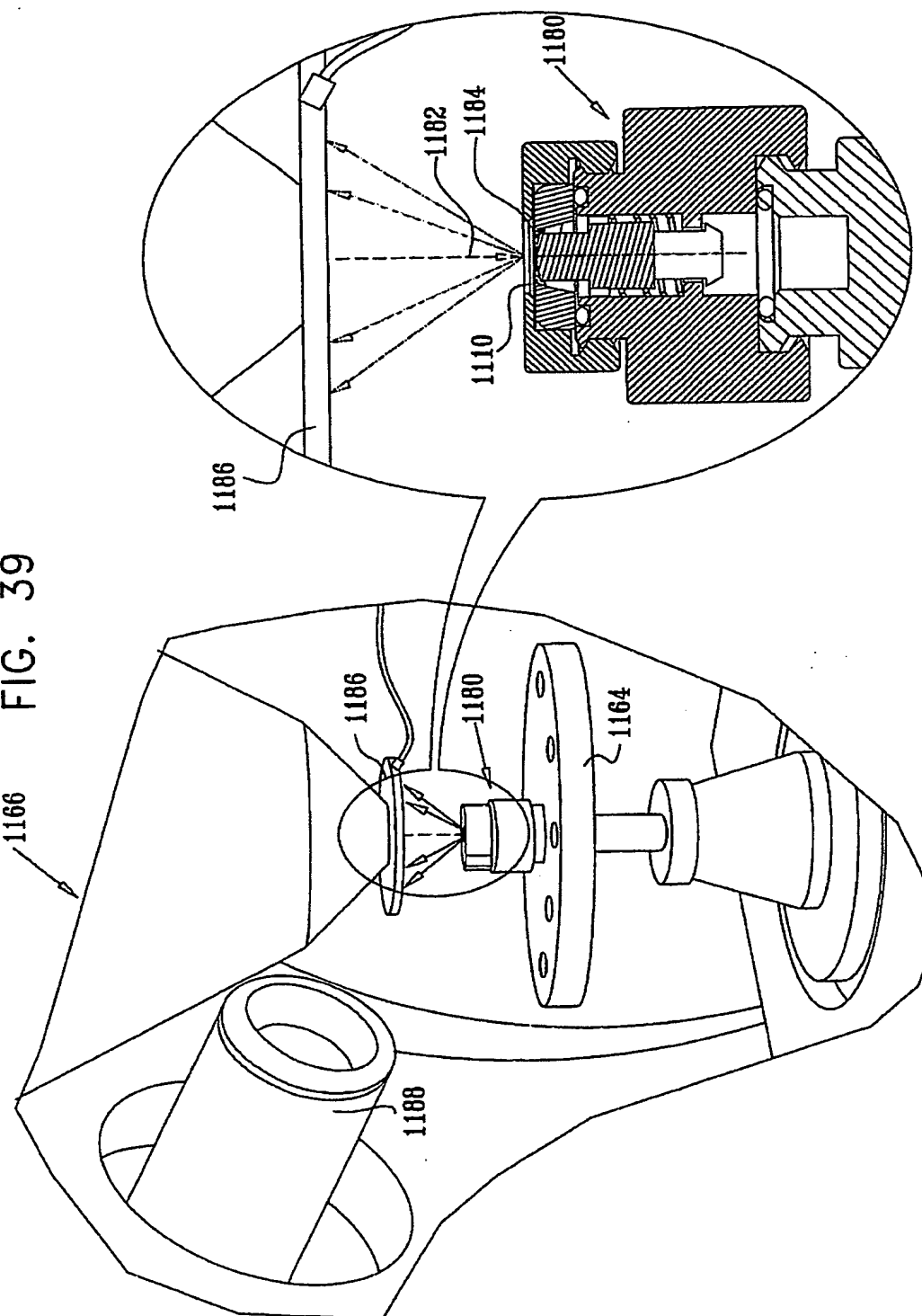
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FIG. 38D

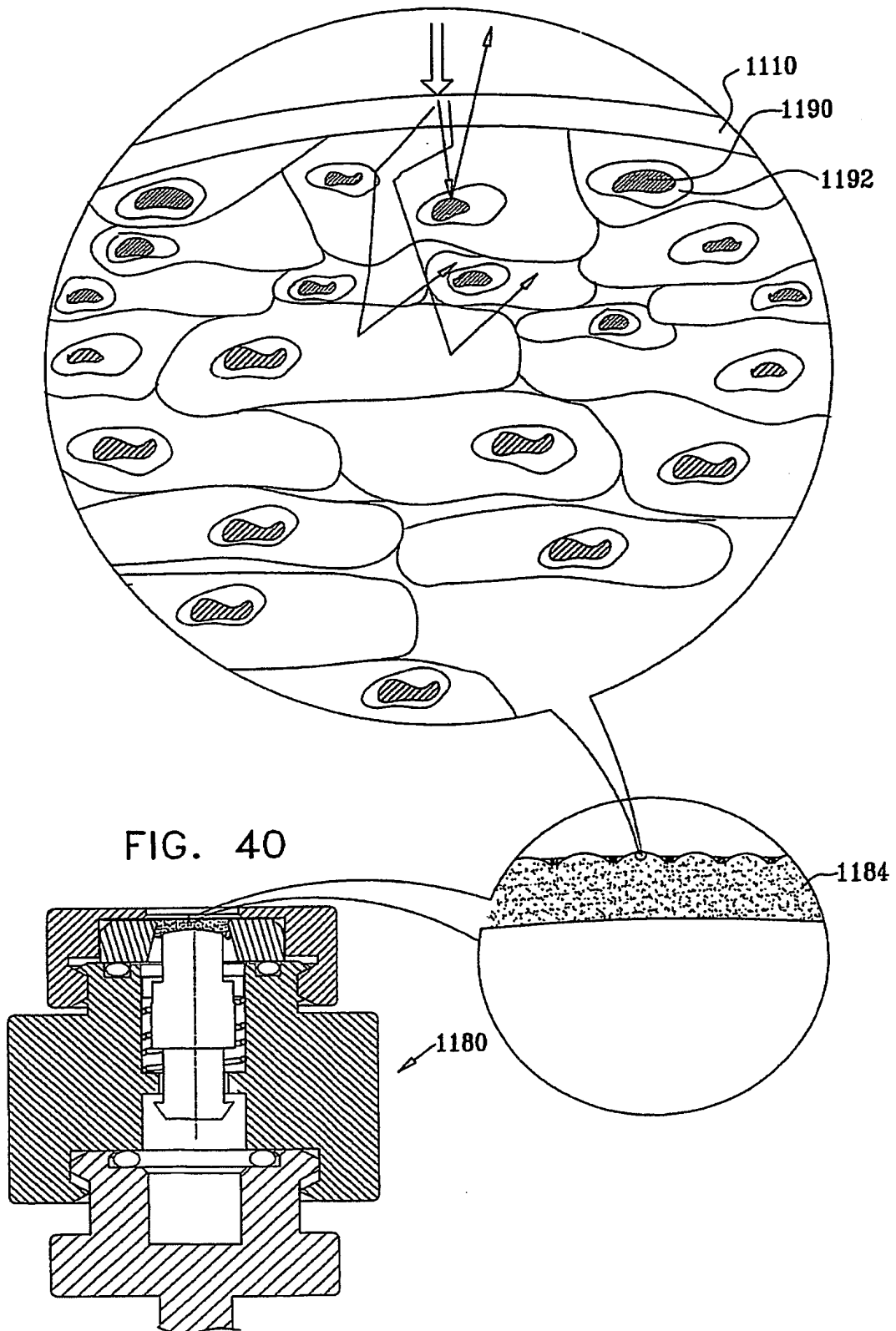


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FIG. 39



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FIG. 41A

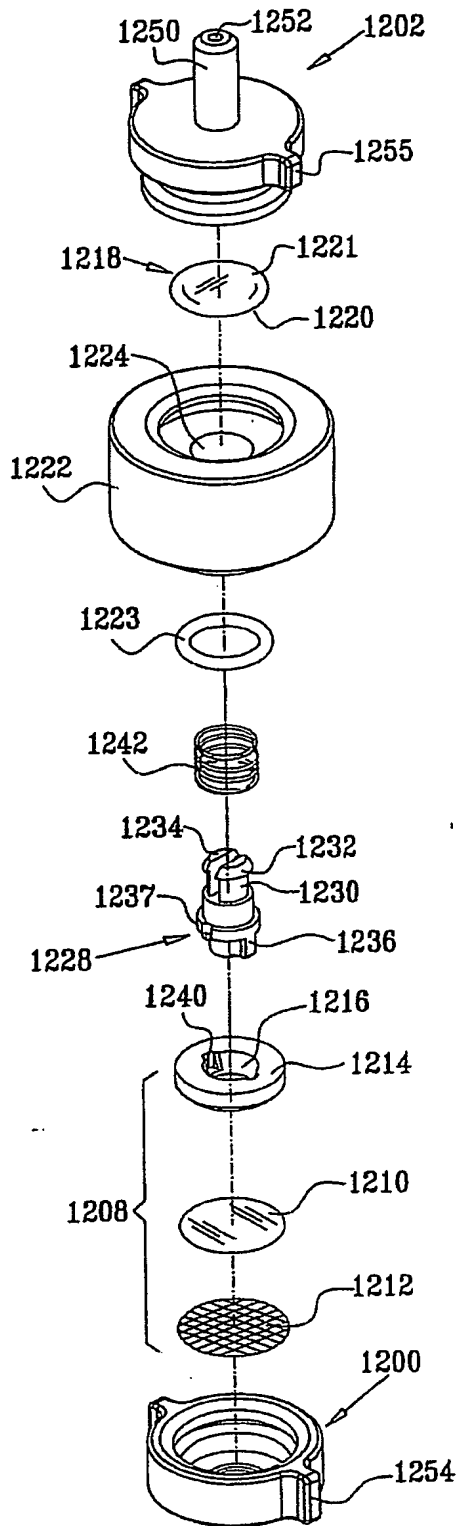
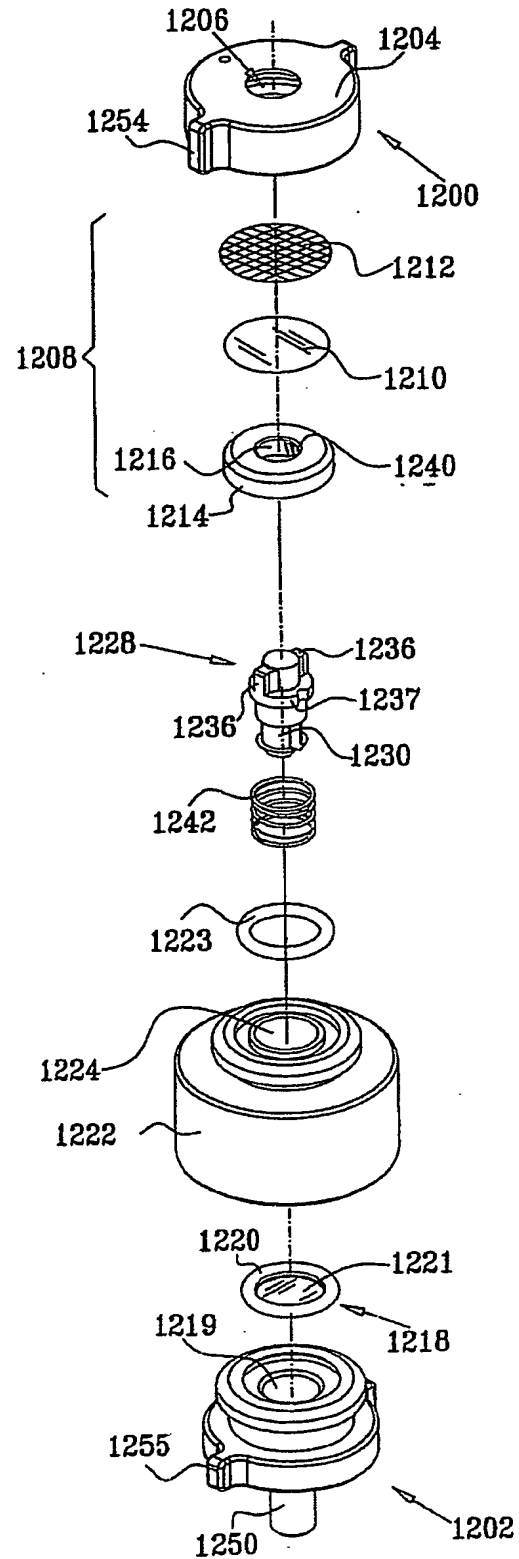


FIG. 41B





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FIG. 42A

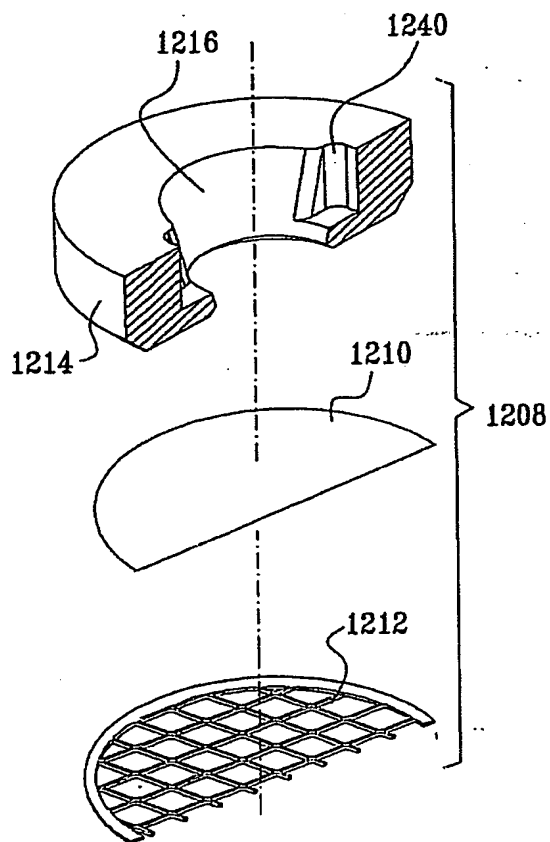
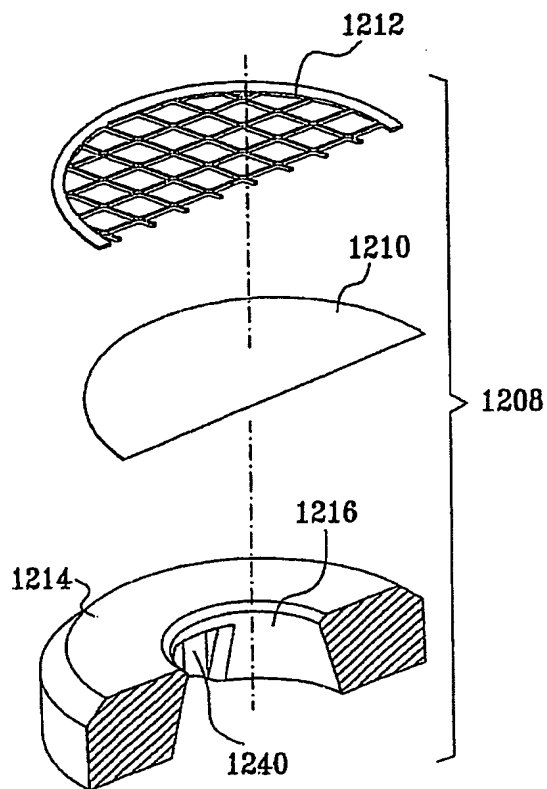


FIG. 42B



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FIG. 43A

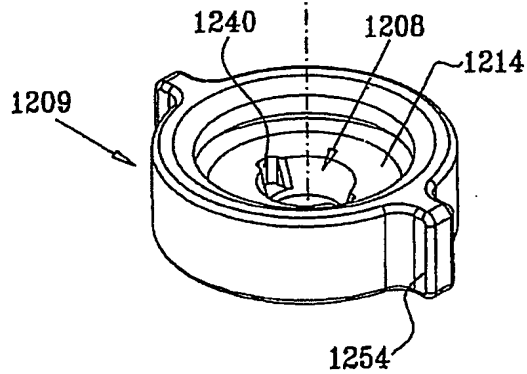
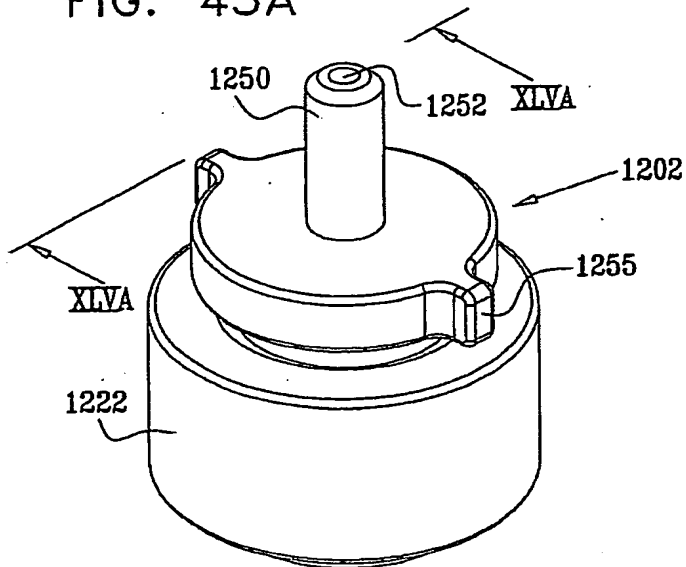
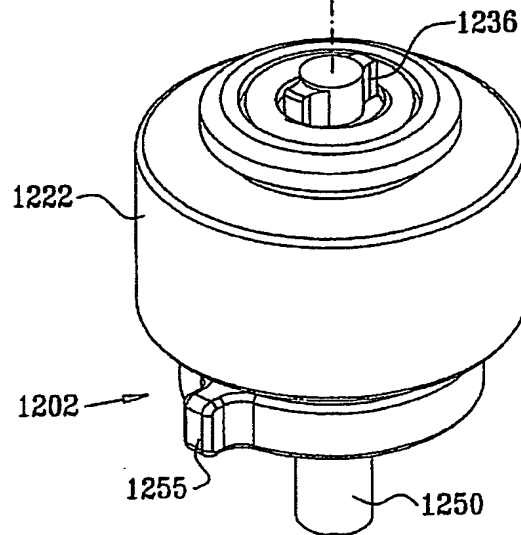
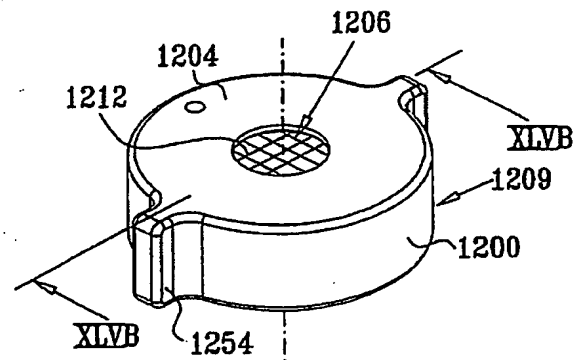


FIG. 43B



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FIG. 44A

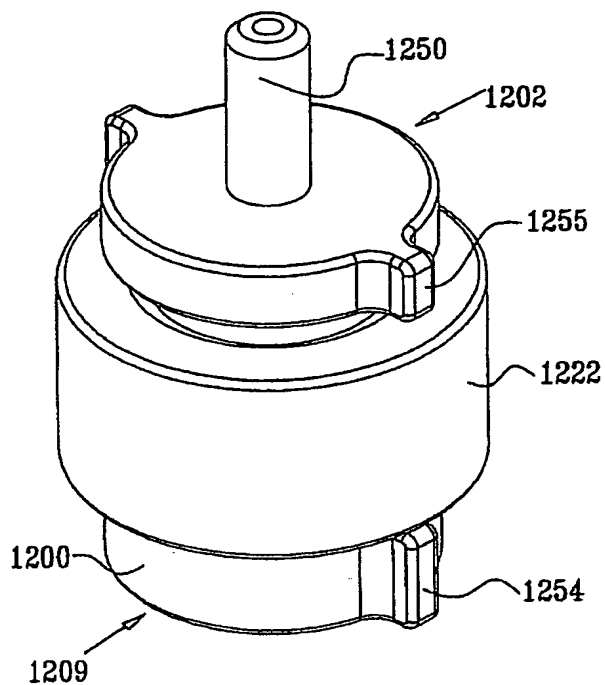


FIG. 44B

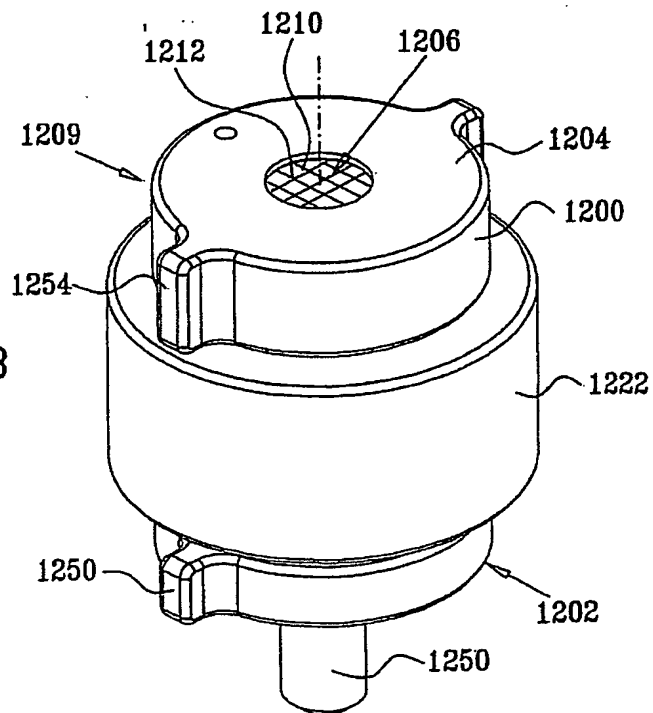


FIG. 45A

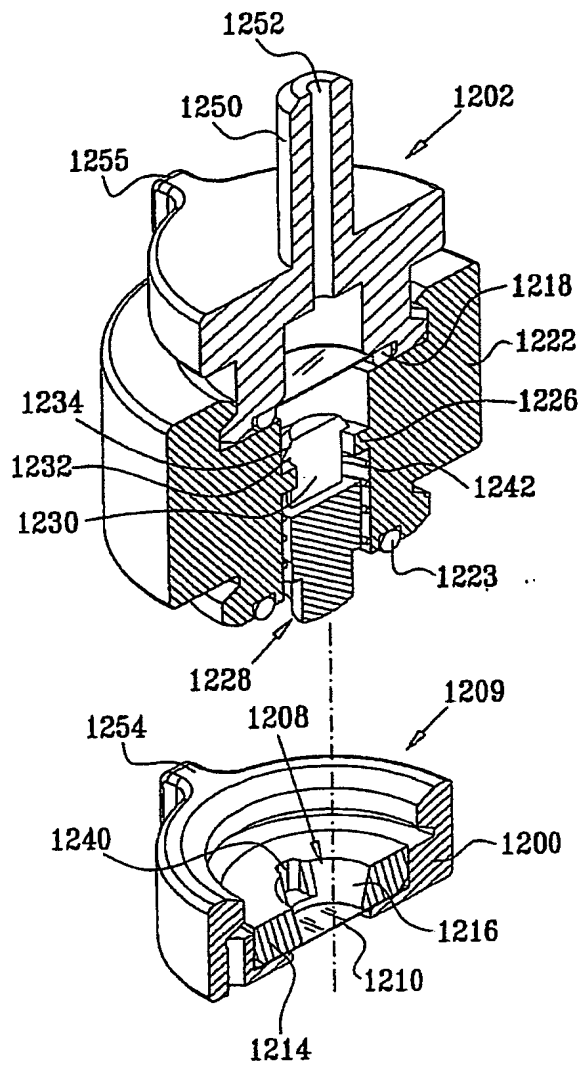
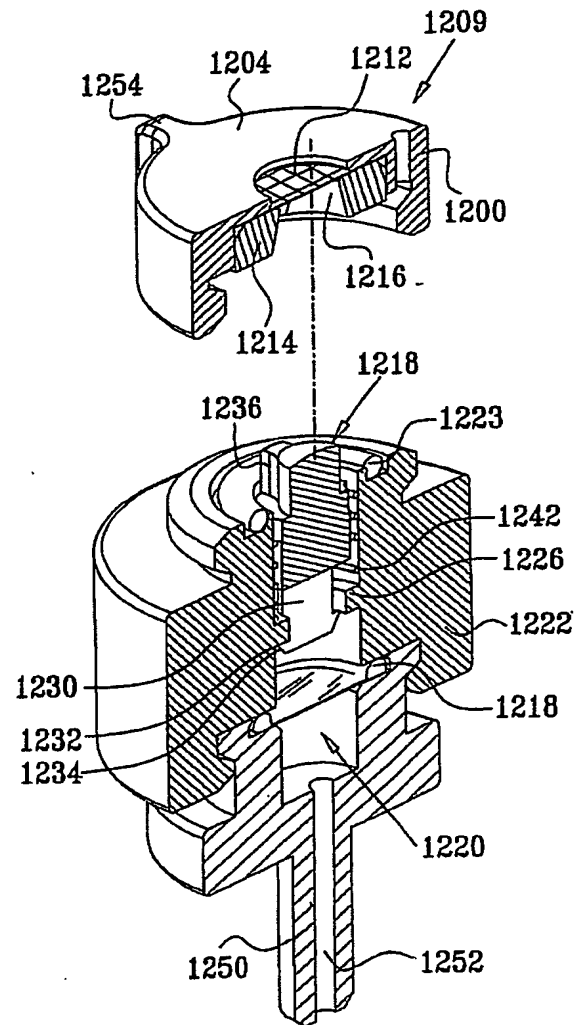


FIG. 45B



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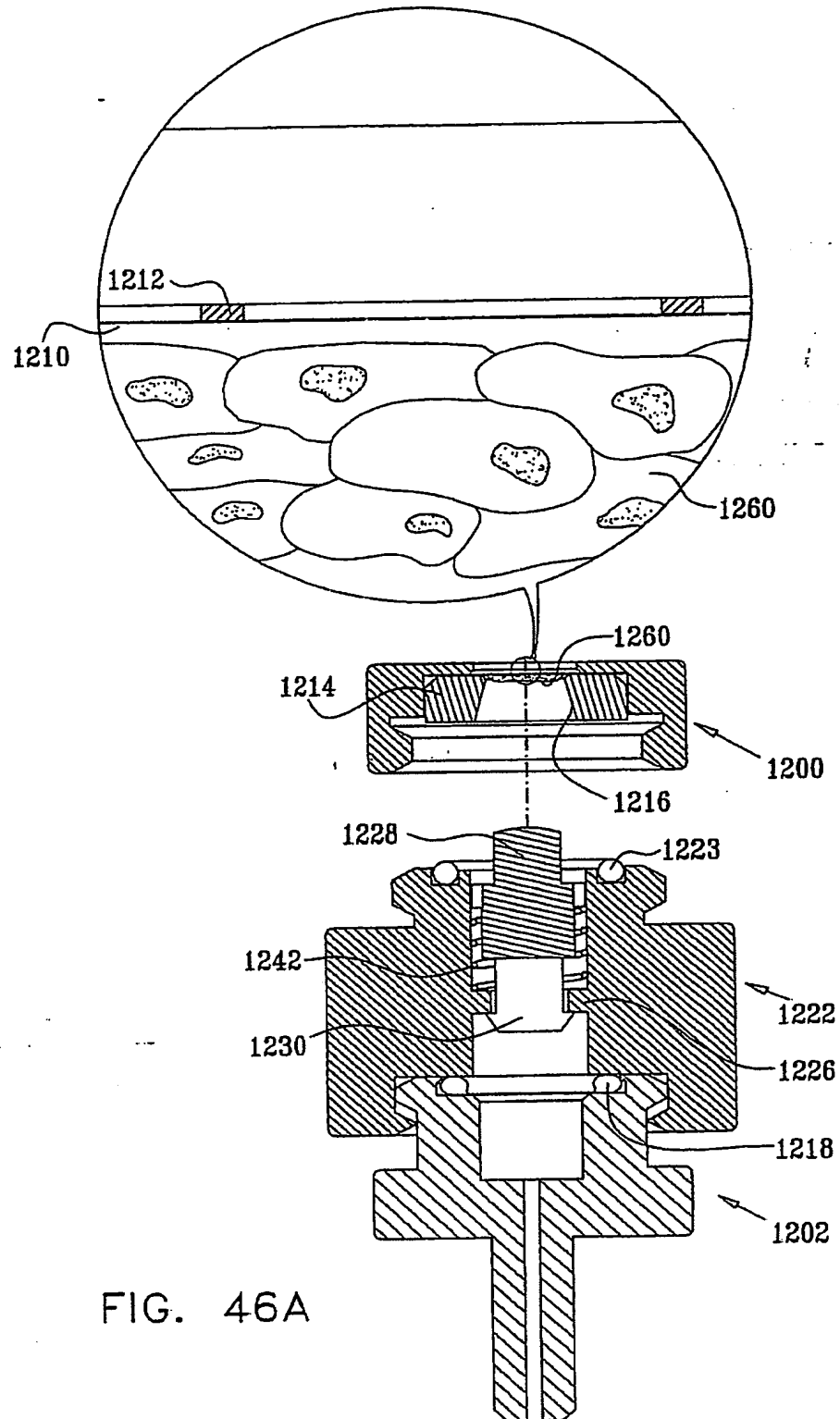


FIG. 46A

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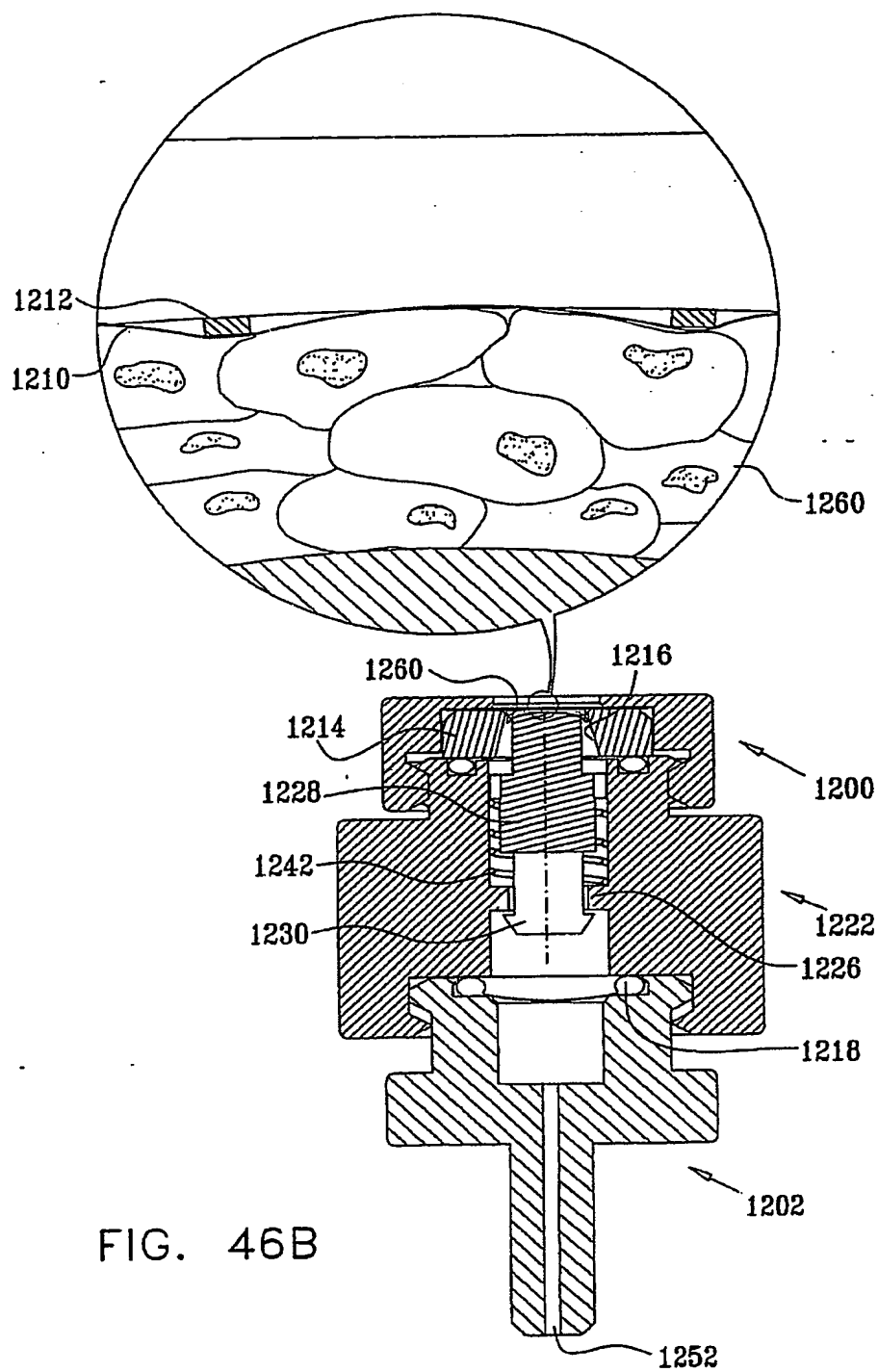


FIG. 46B

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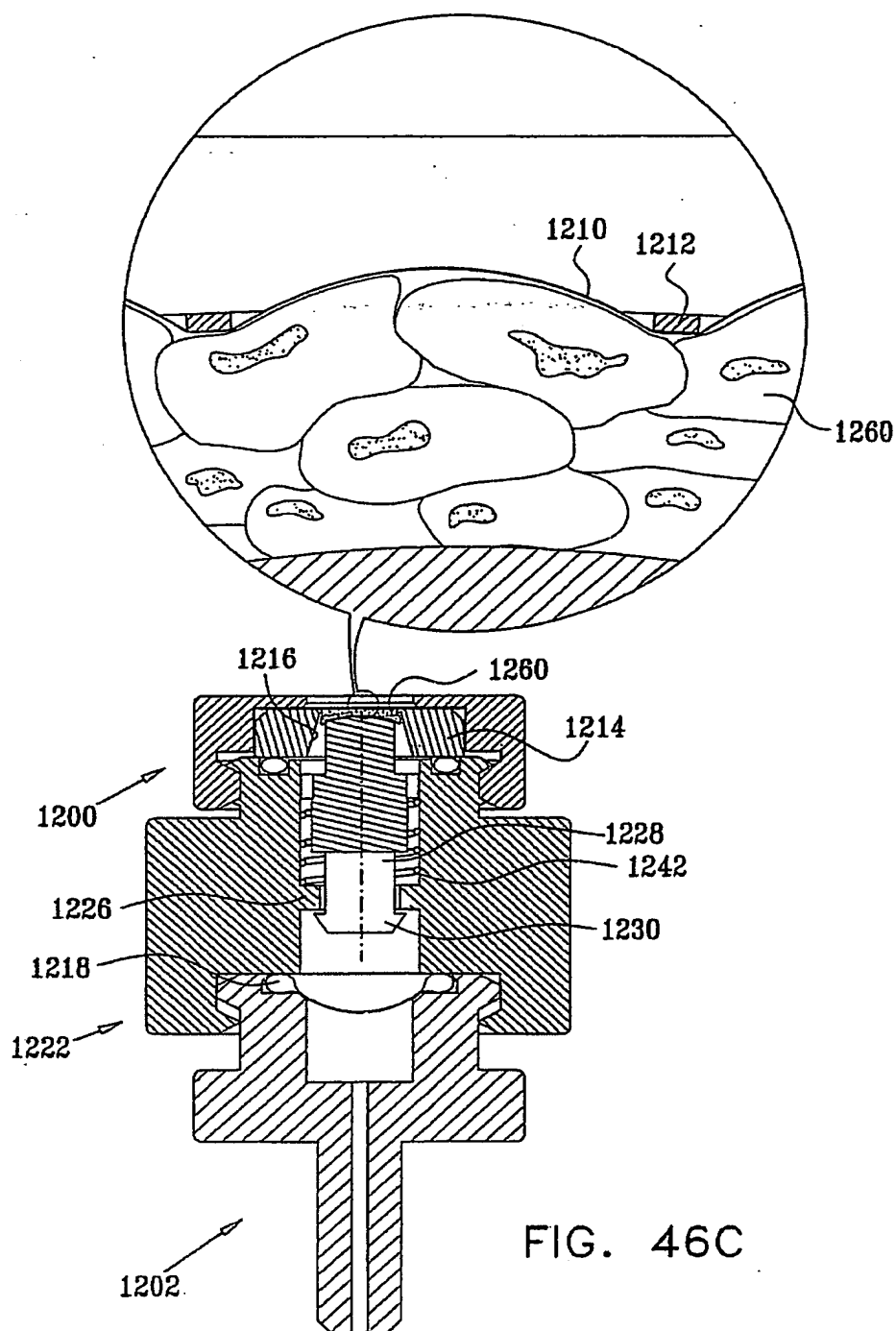
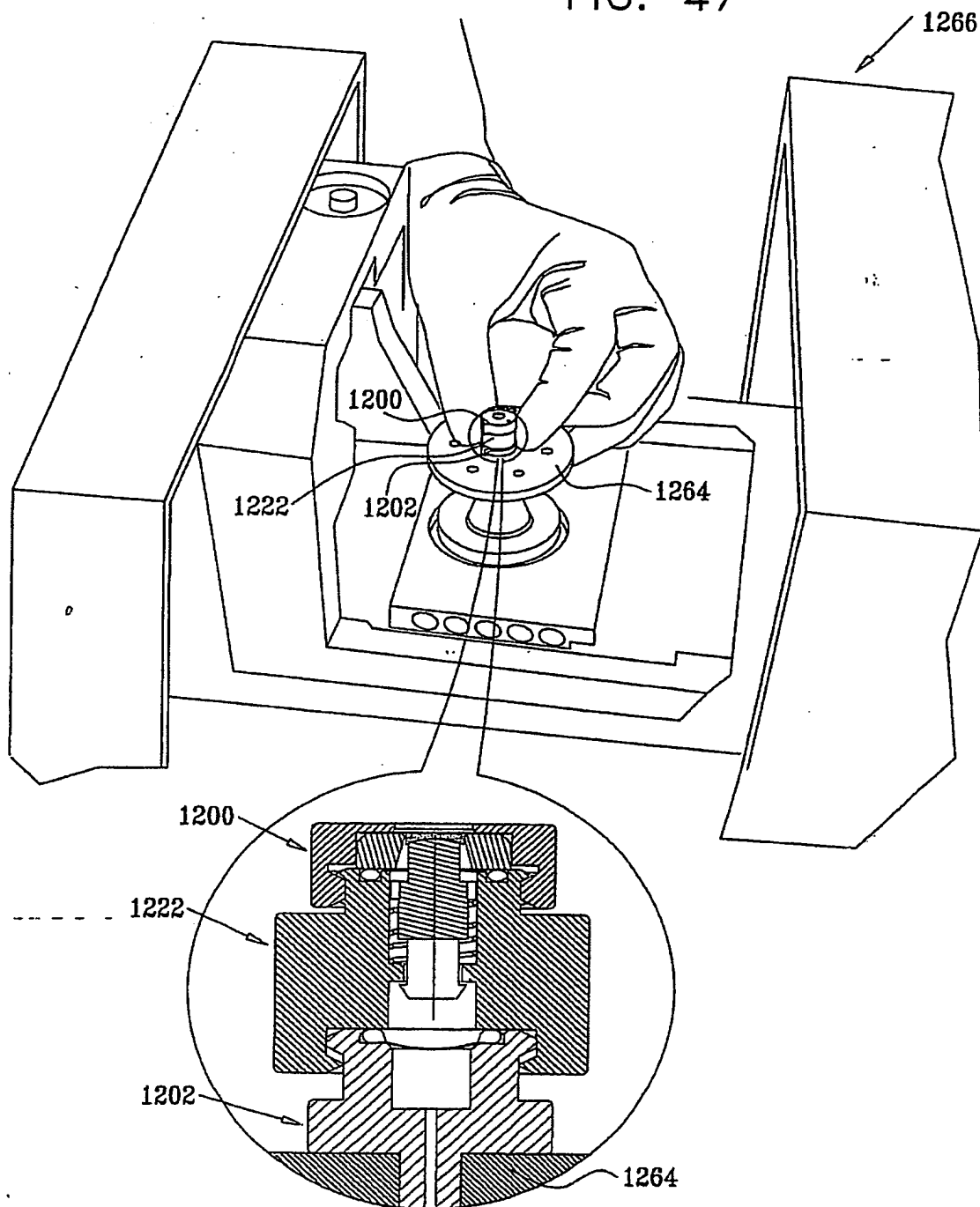


FIG. 46C

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FIG. 47





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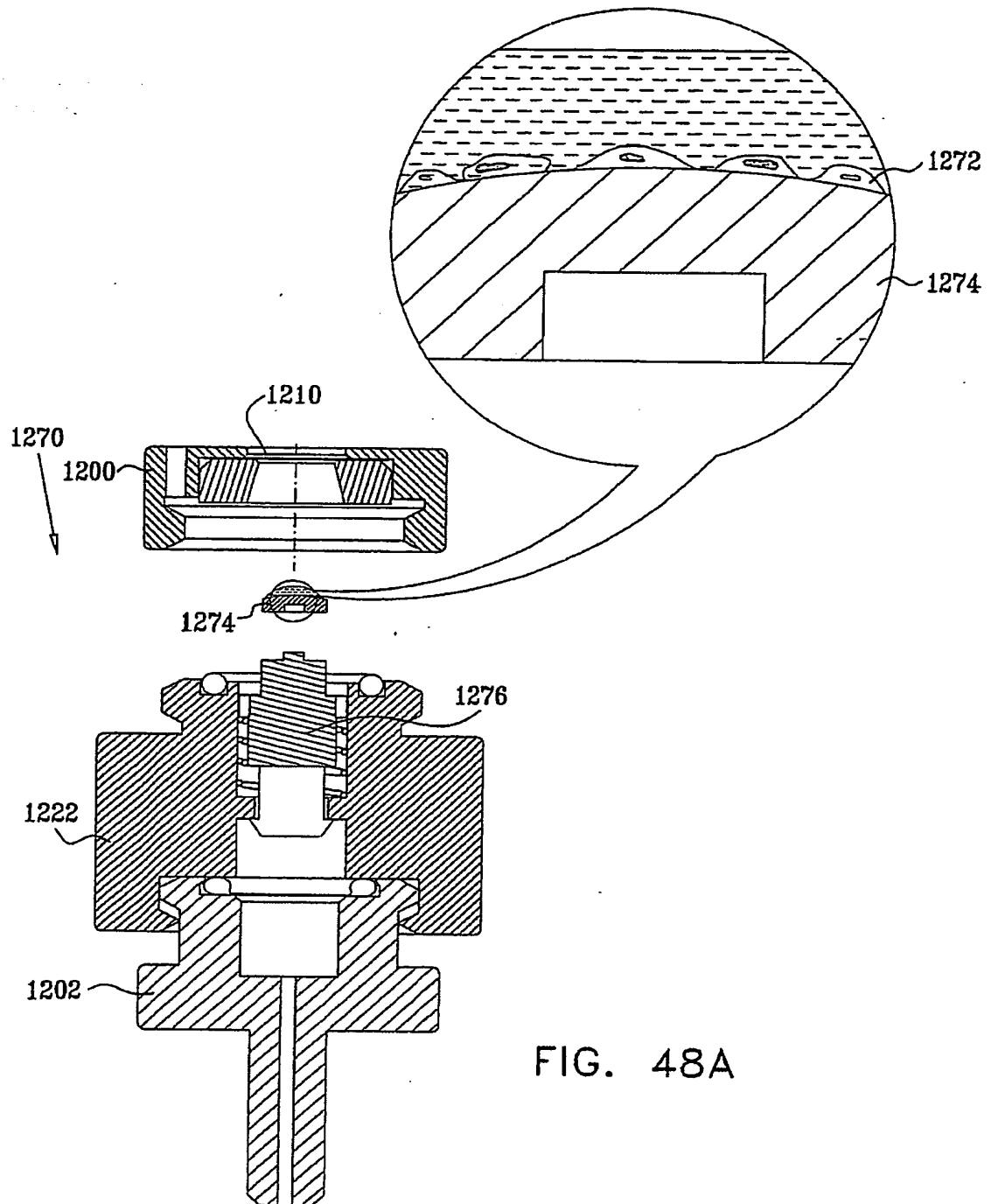
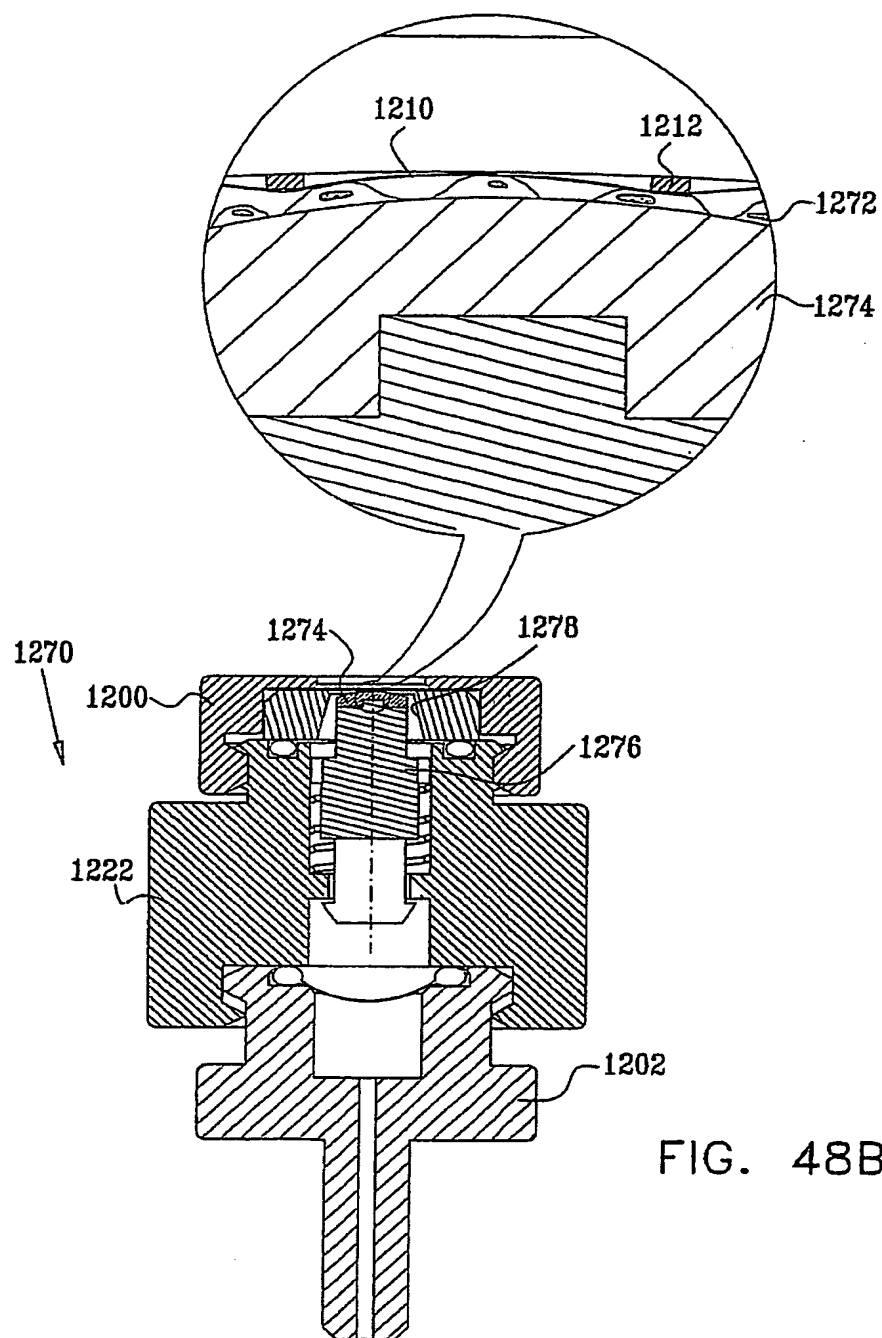


FIG. 48A

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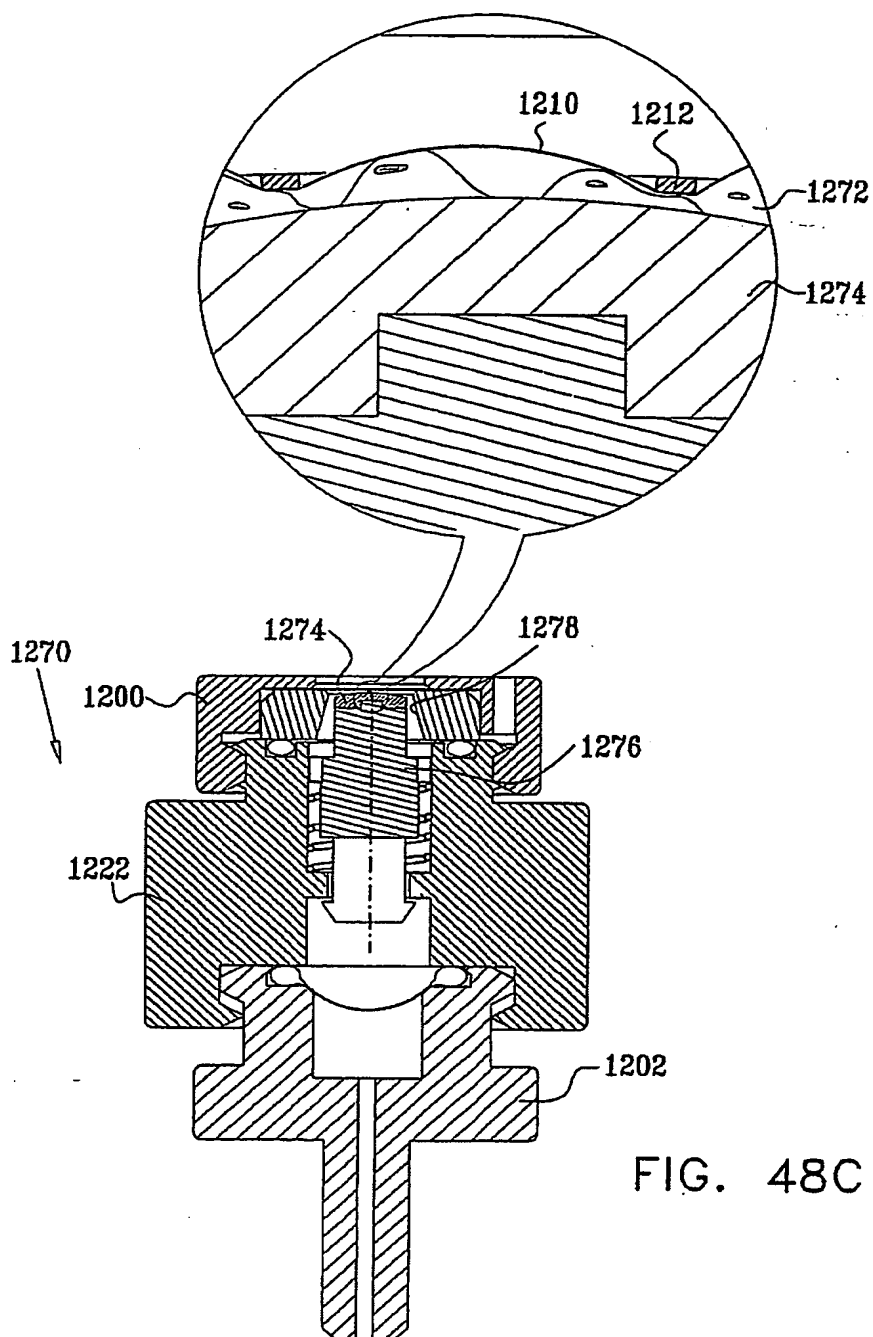
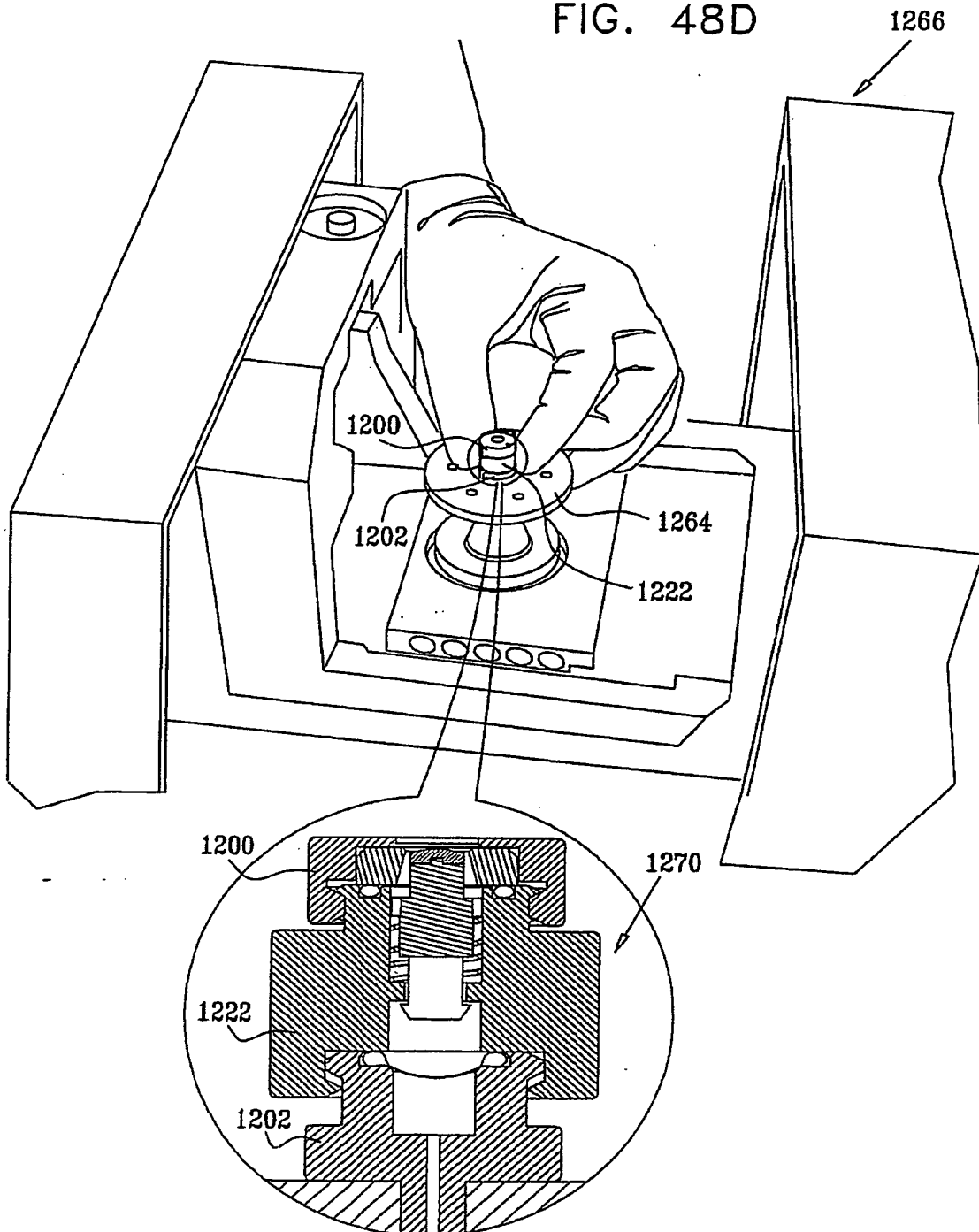


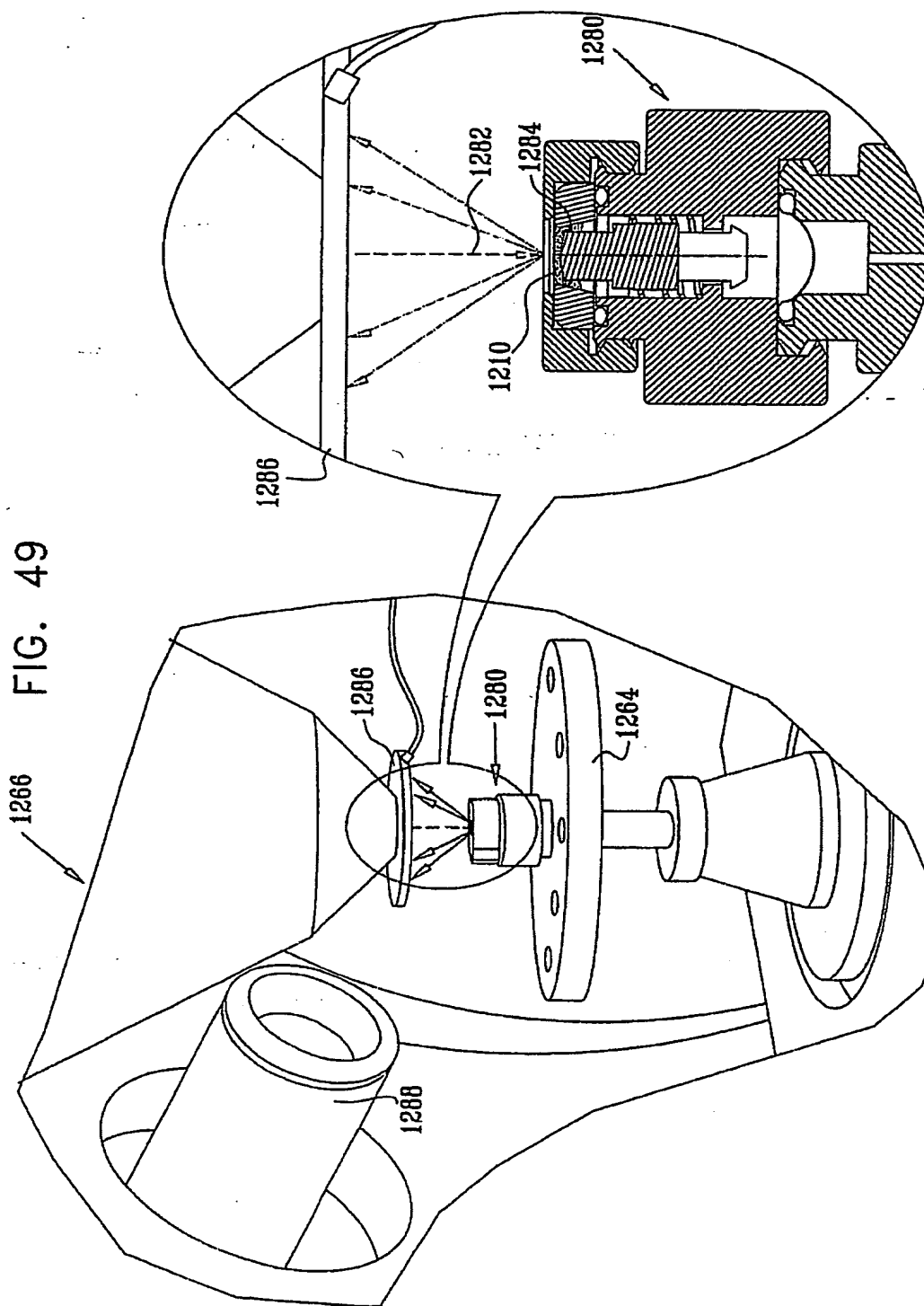
FIG. 48C

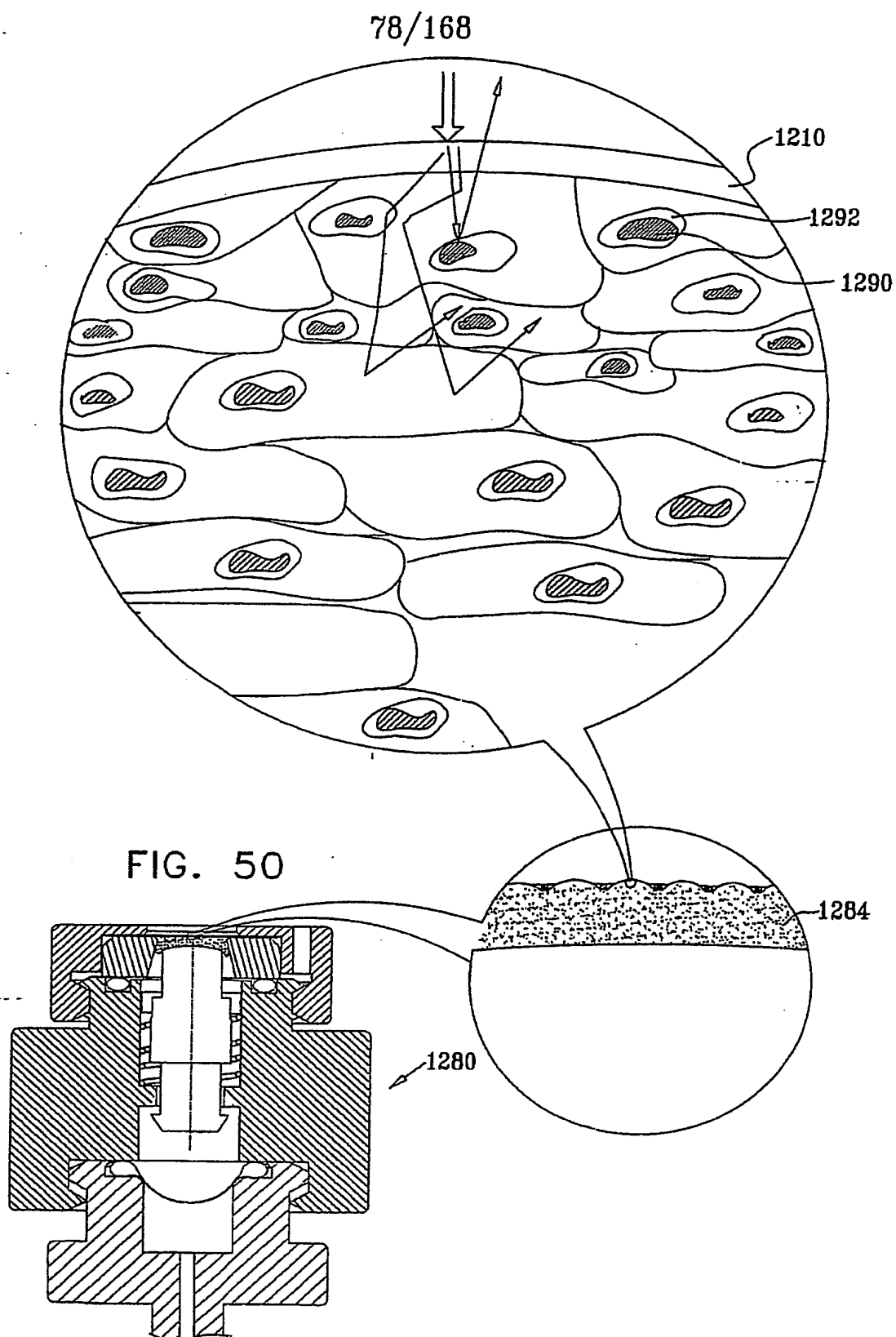
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FIG. 48D



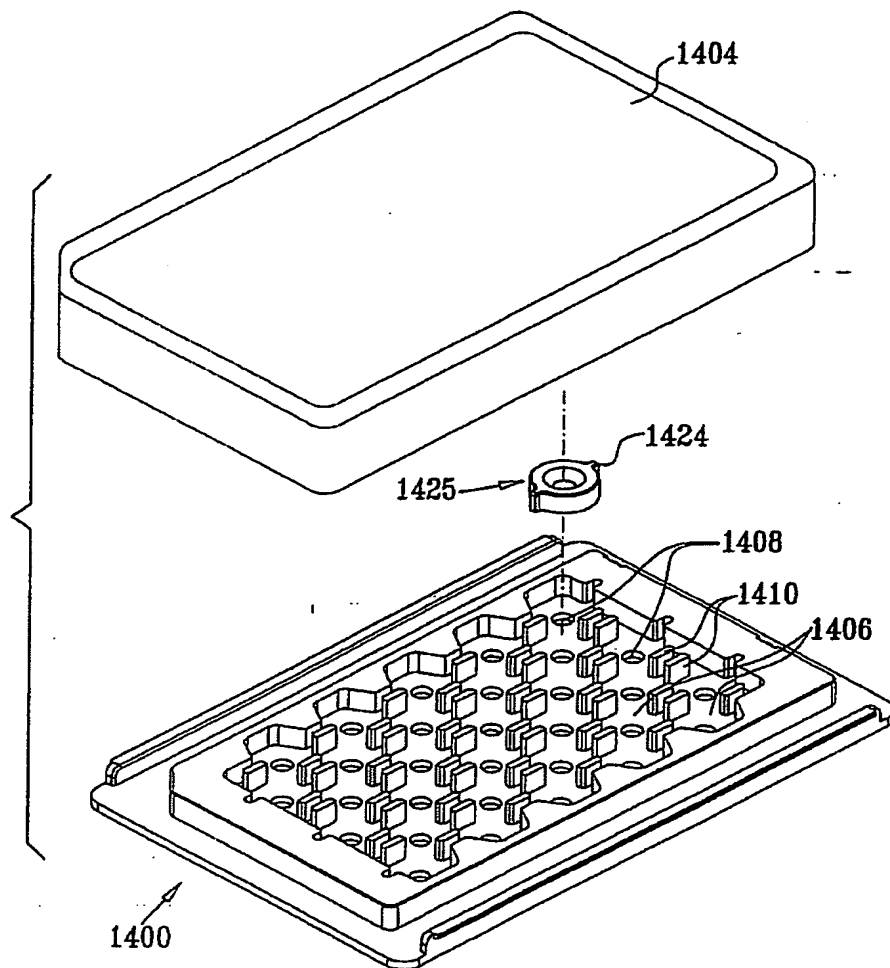
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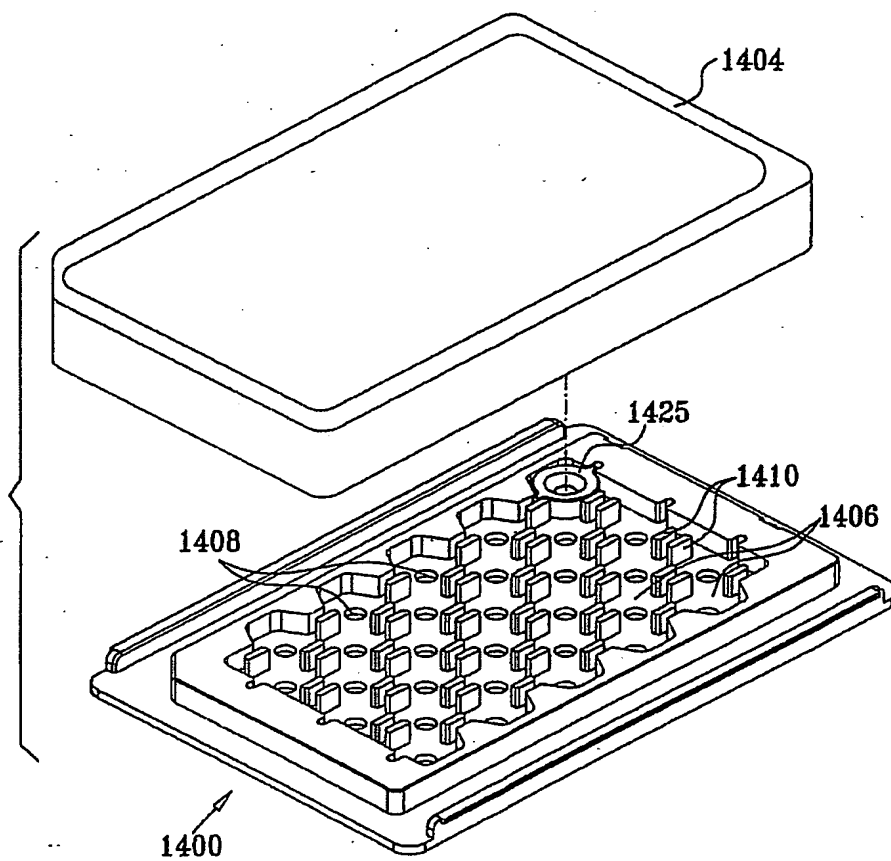
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FIG. 51A



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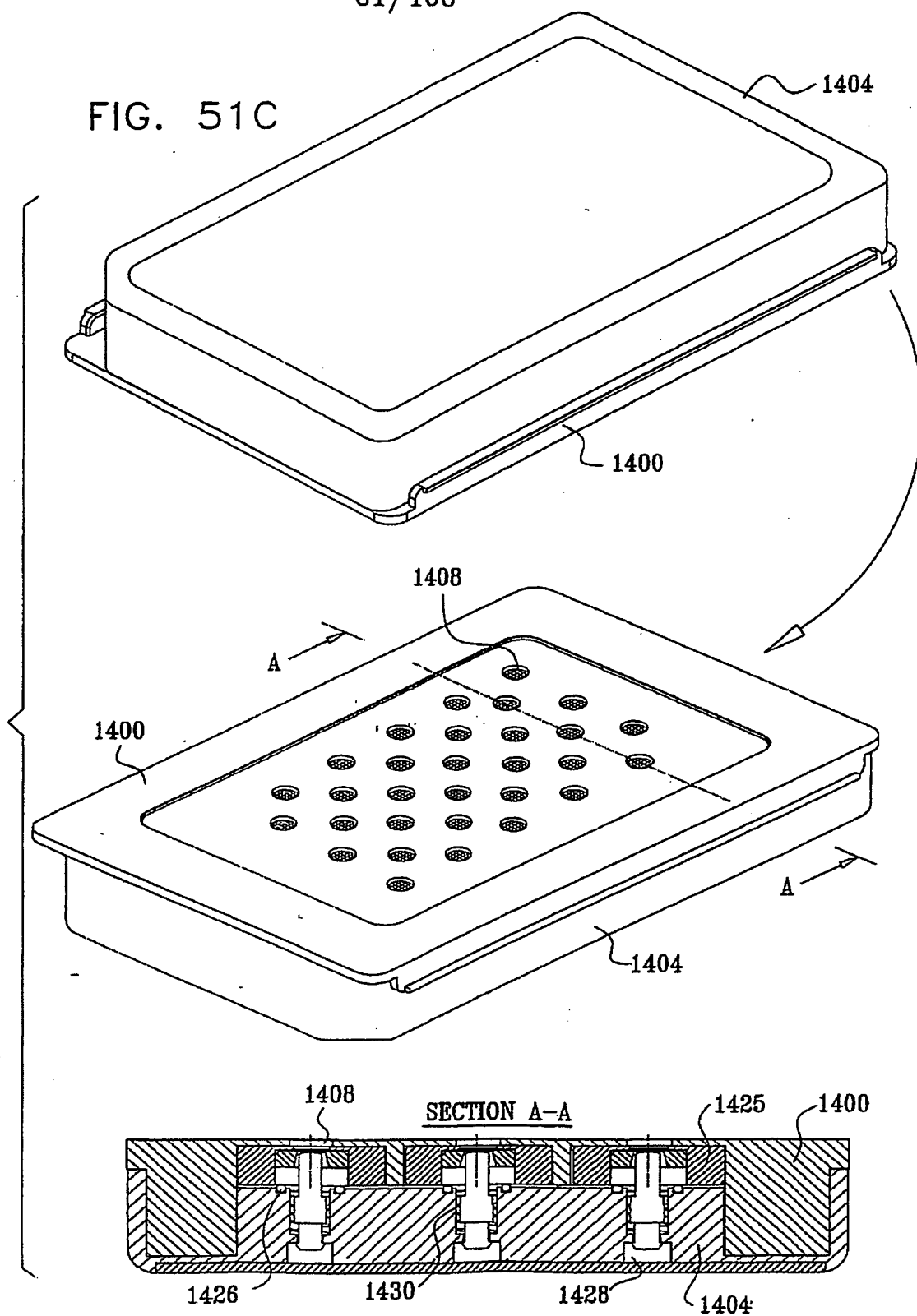
FIG. 51B





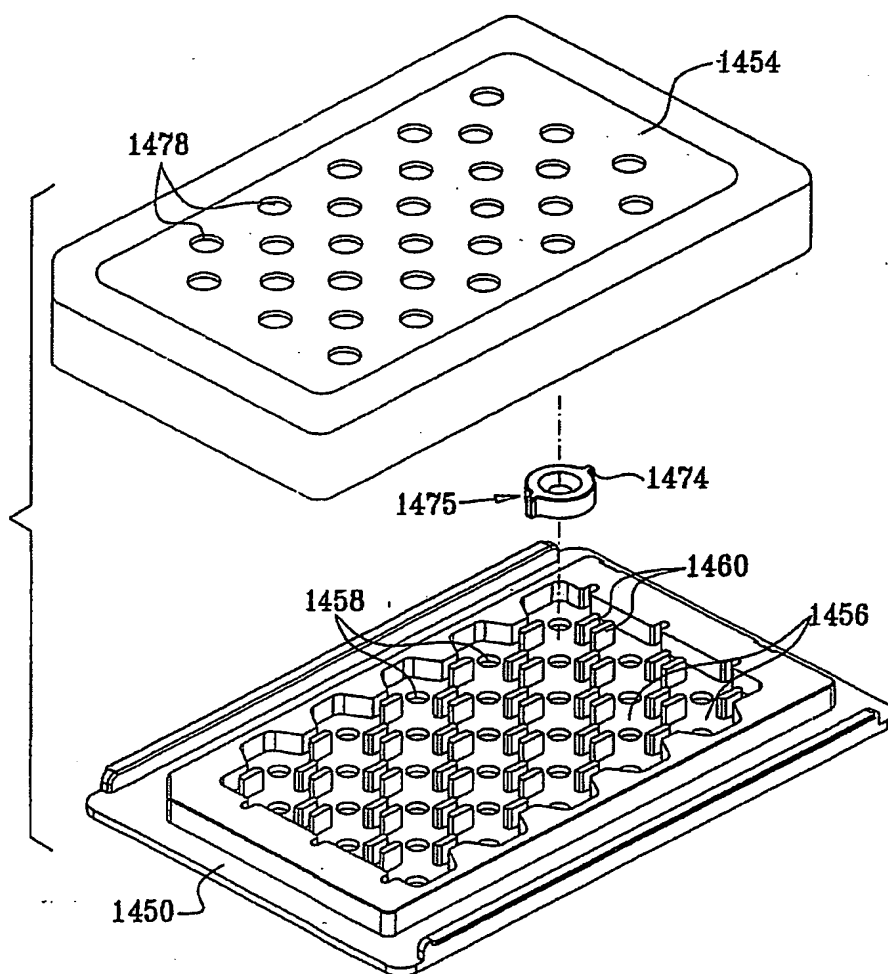
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FIG. 51C



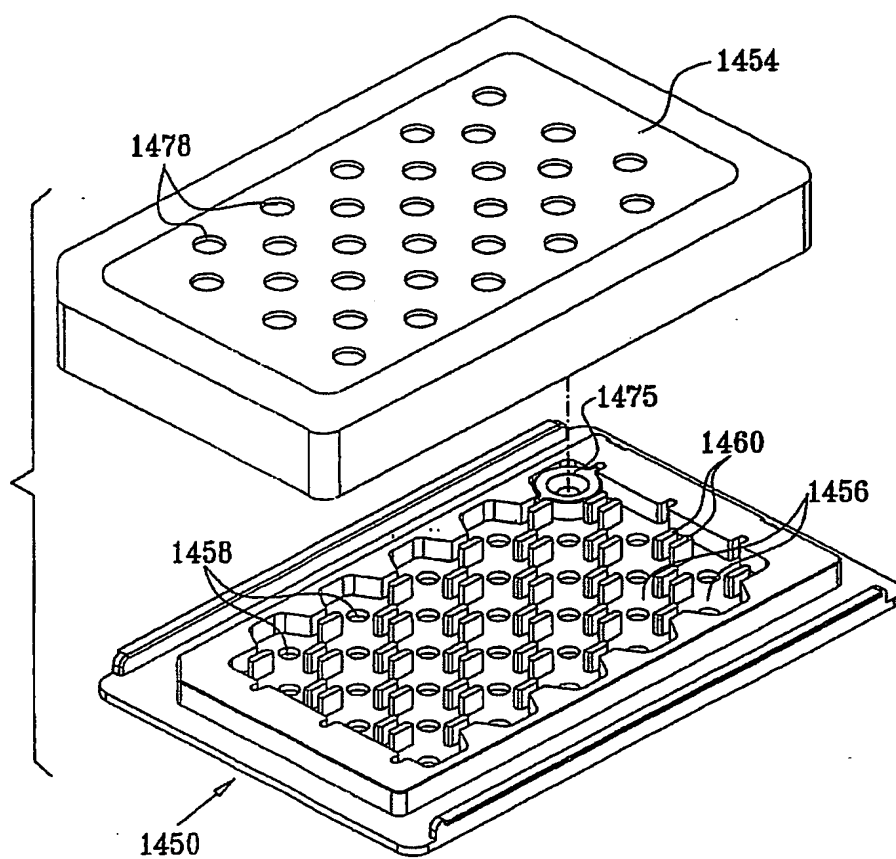
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FIG. 52A



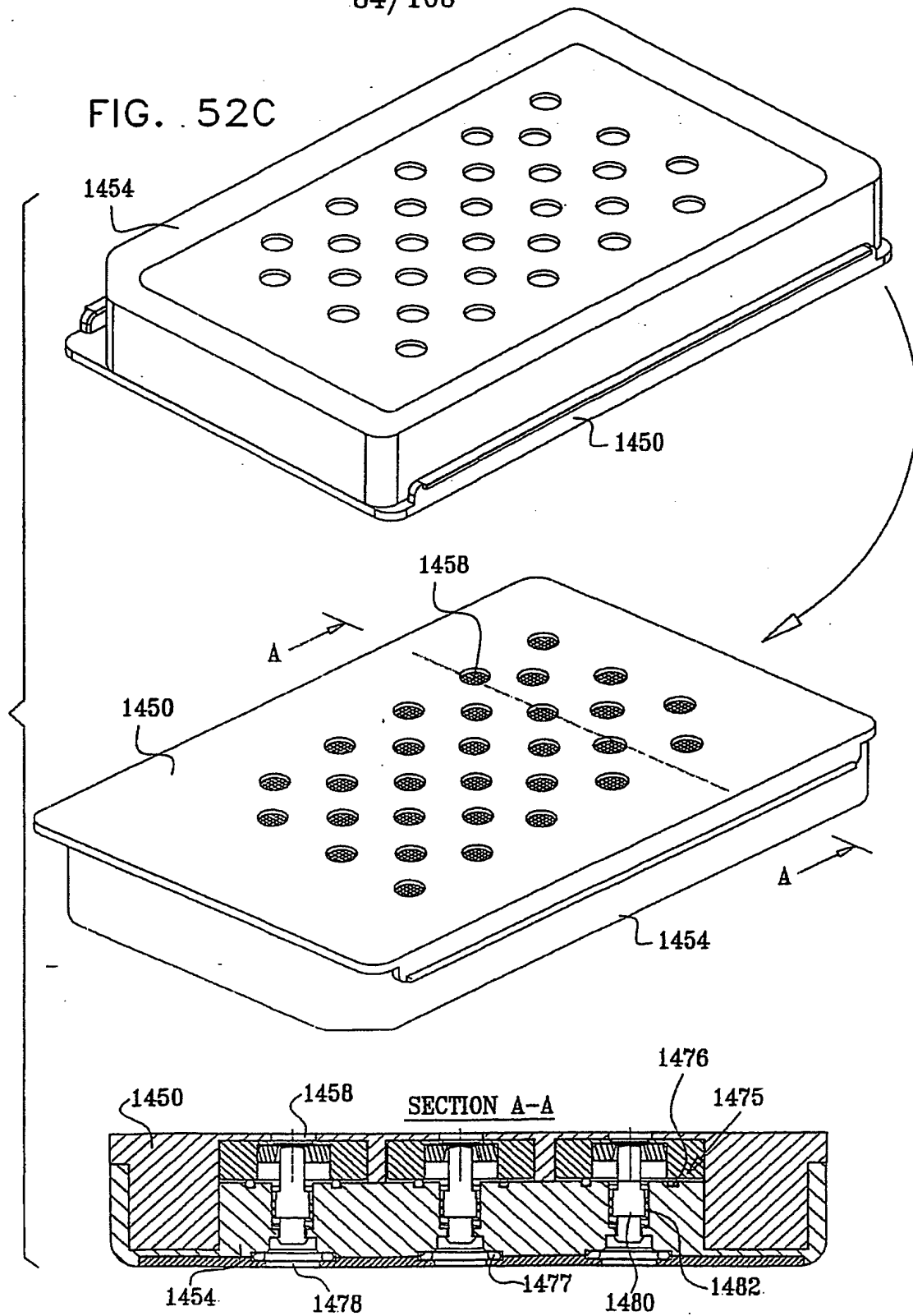
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FIG. 52B



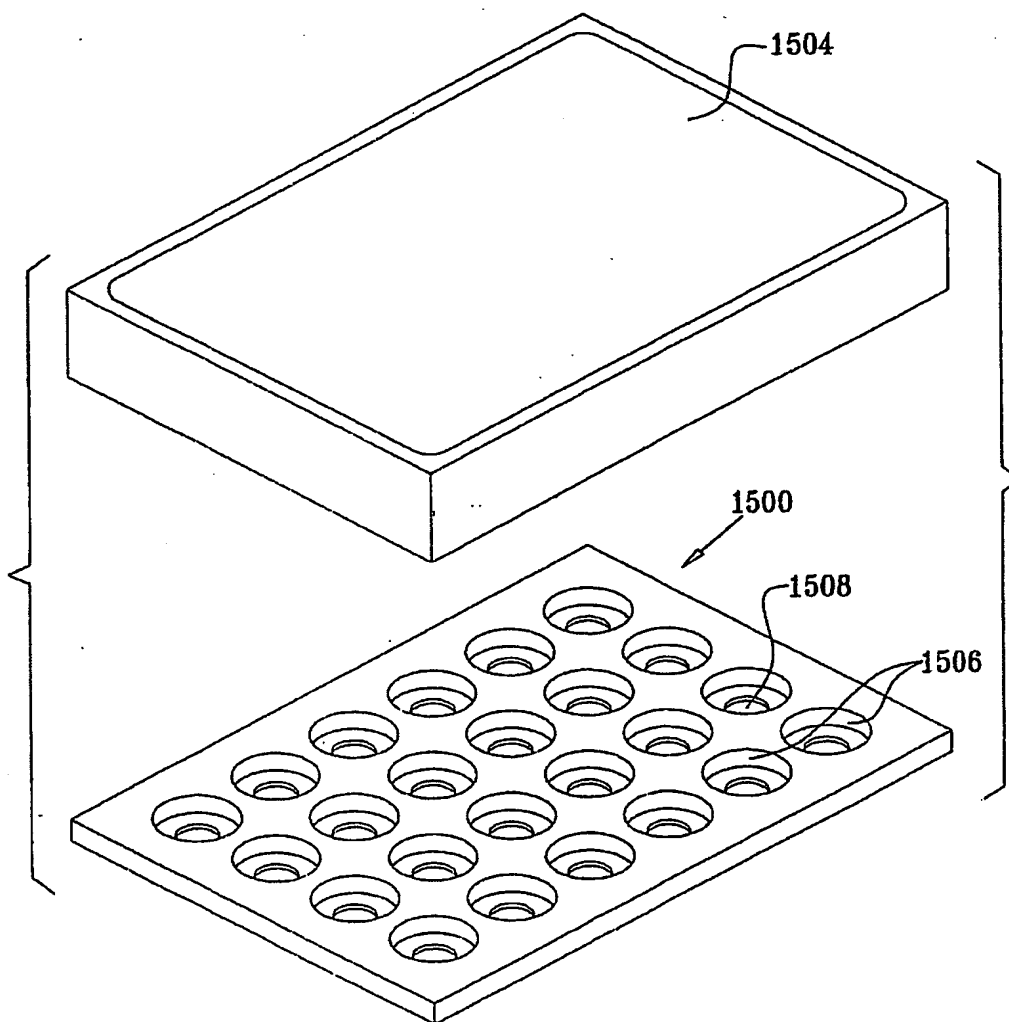
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FIG. 52C



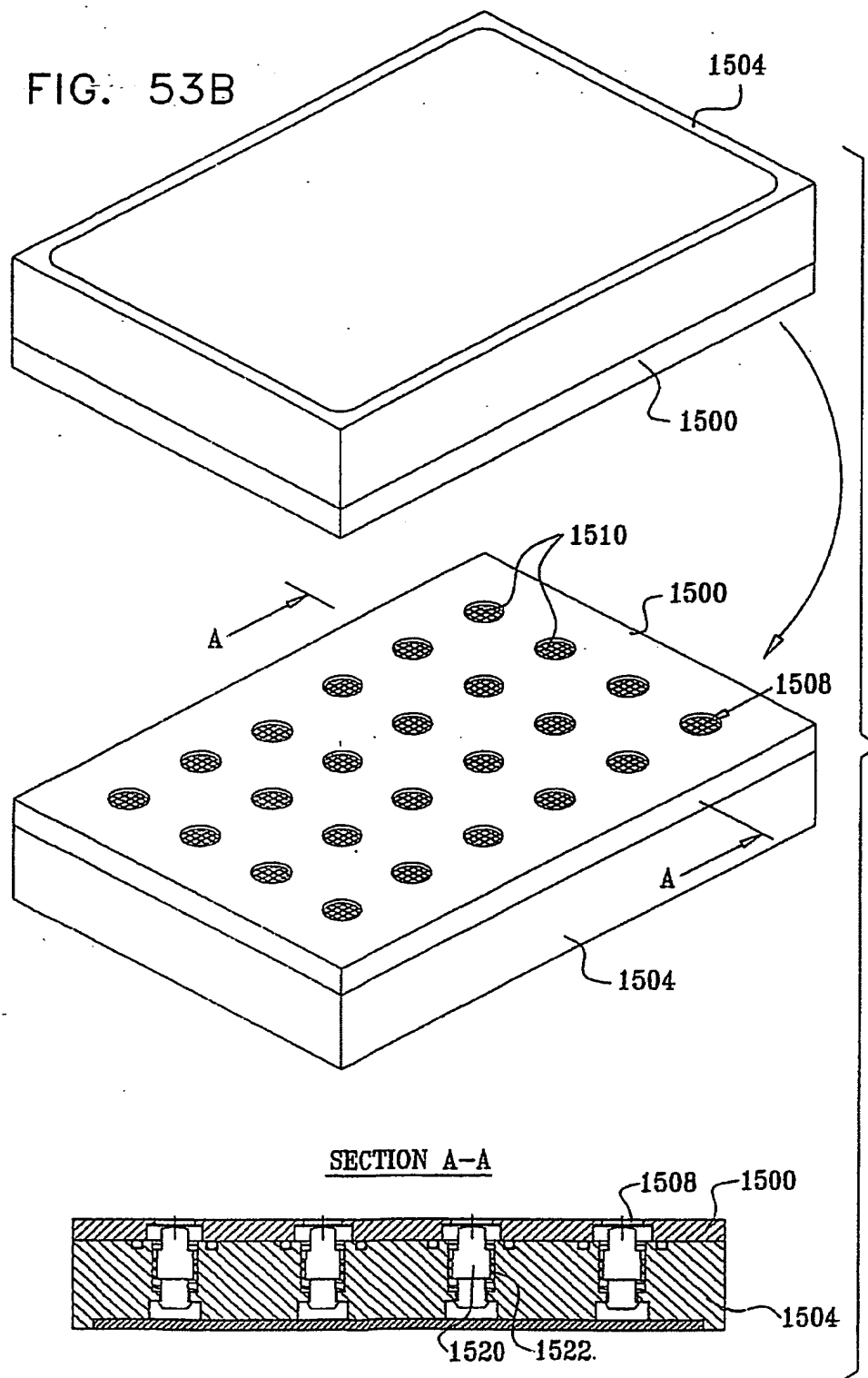
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FIG. 53A



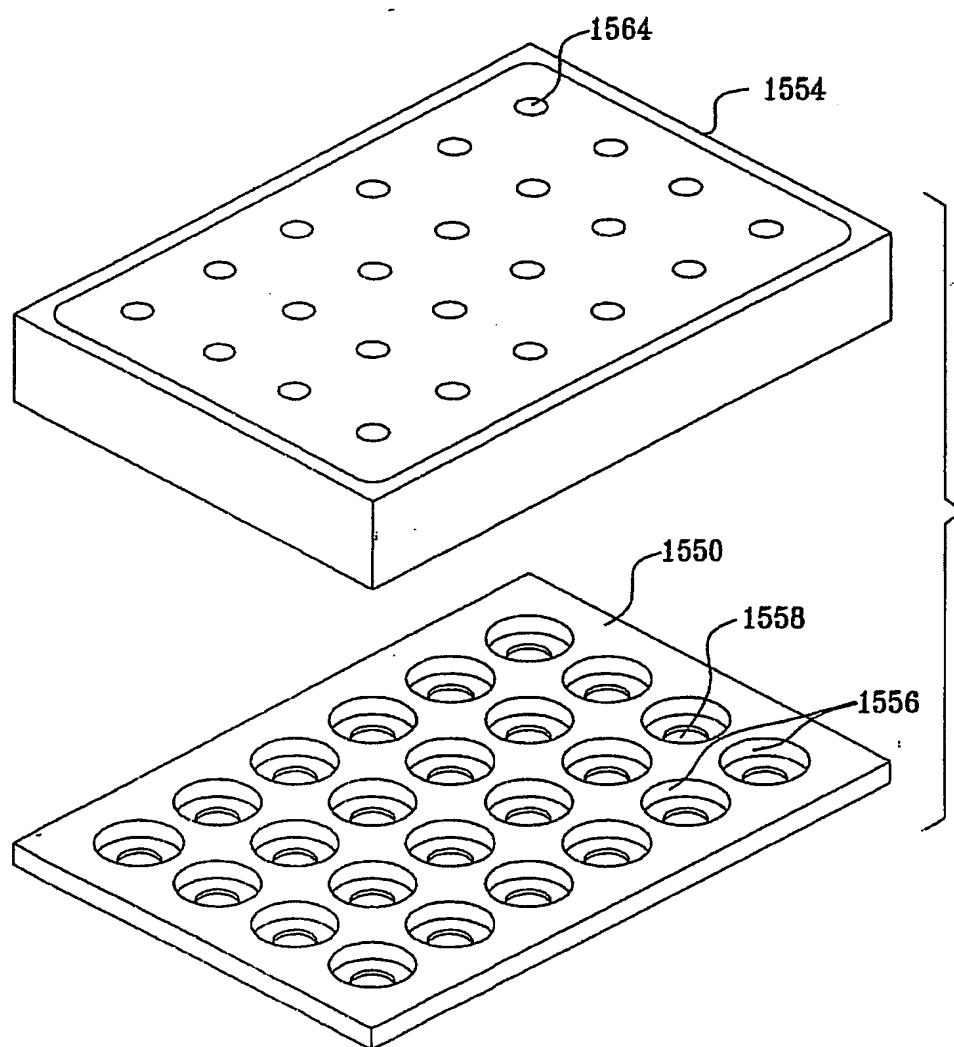
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FIG. 53B



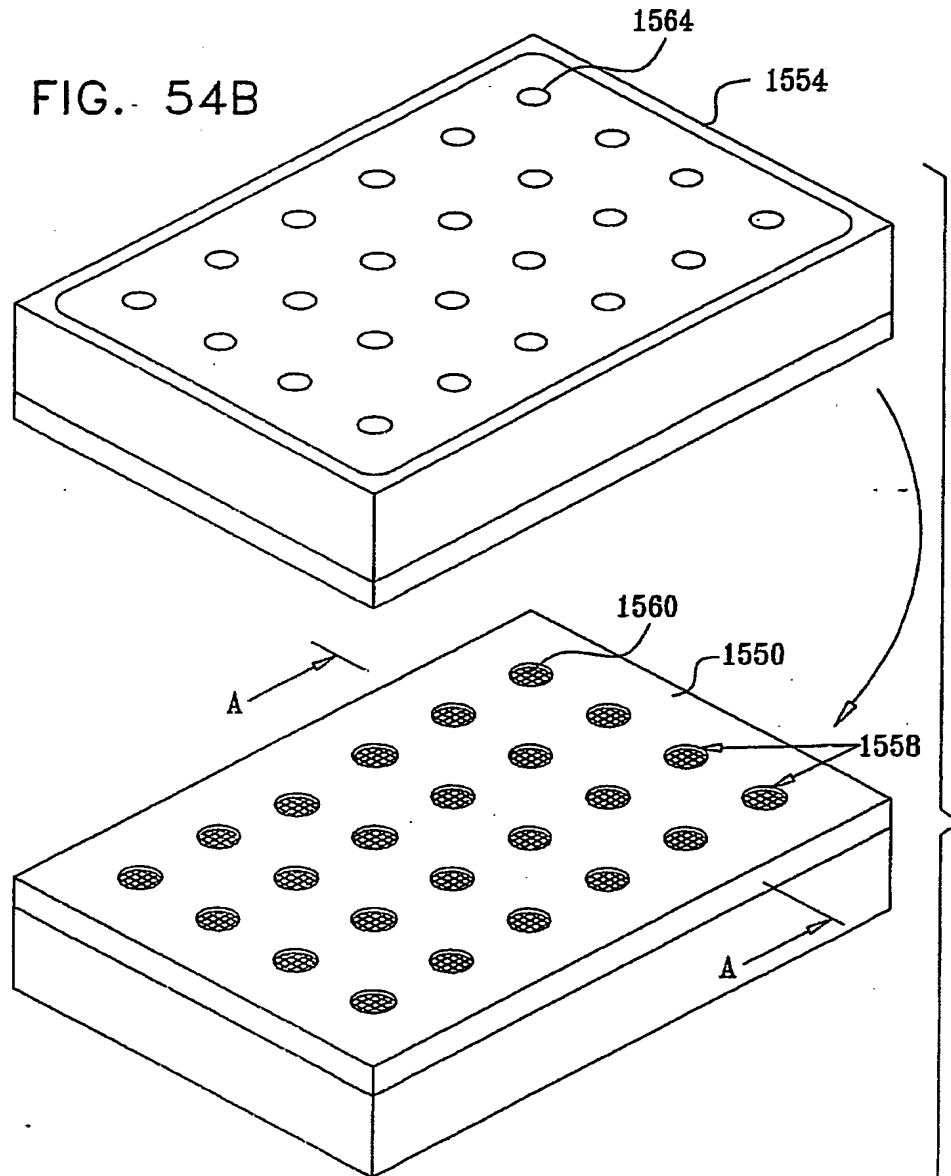
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FIG. 54A

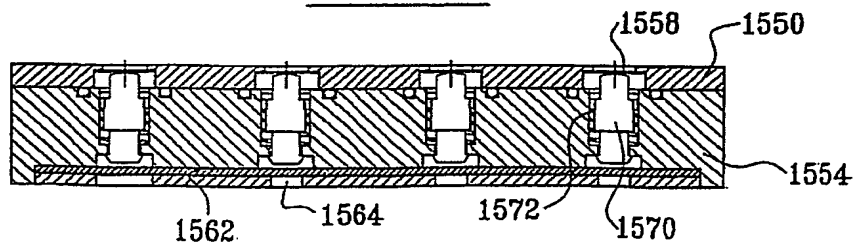


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FIG. 54B



SECTION A-A





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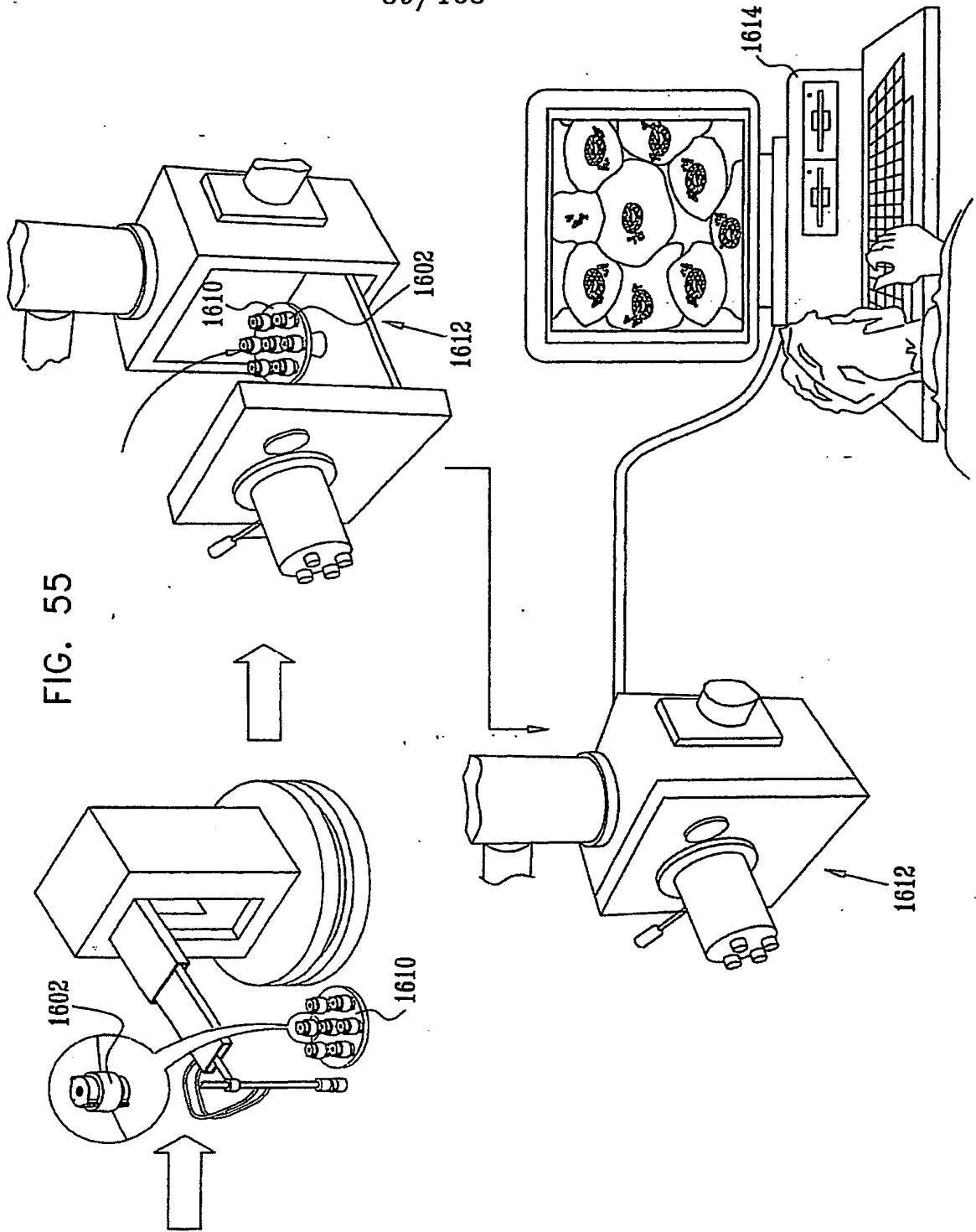
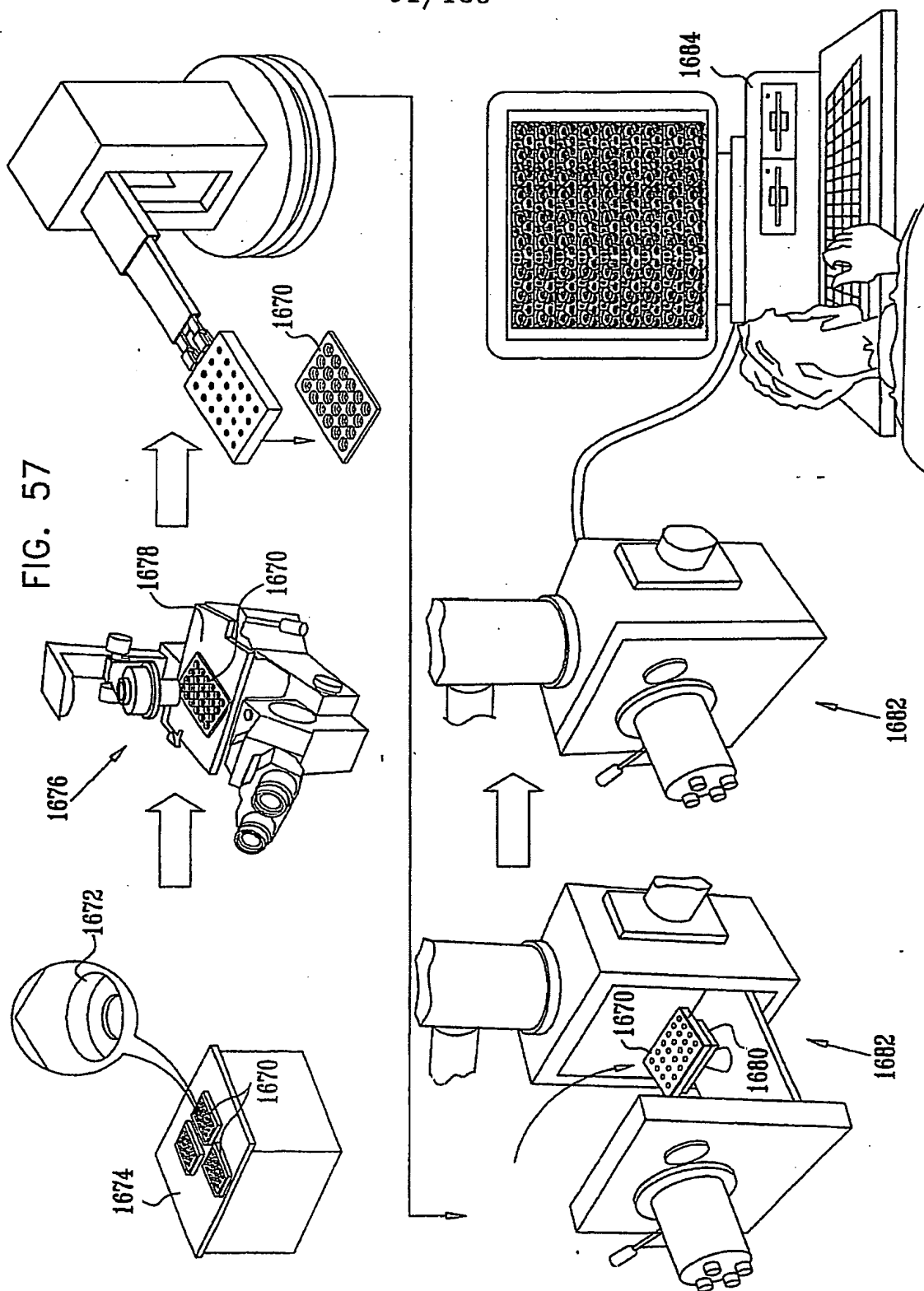


FIG. 56



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FIG. 58A

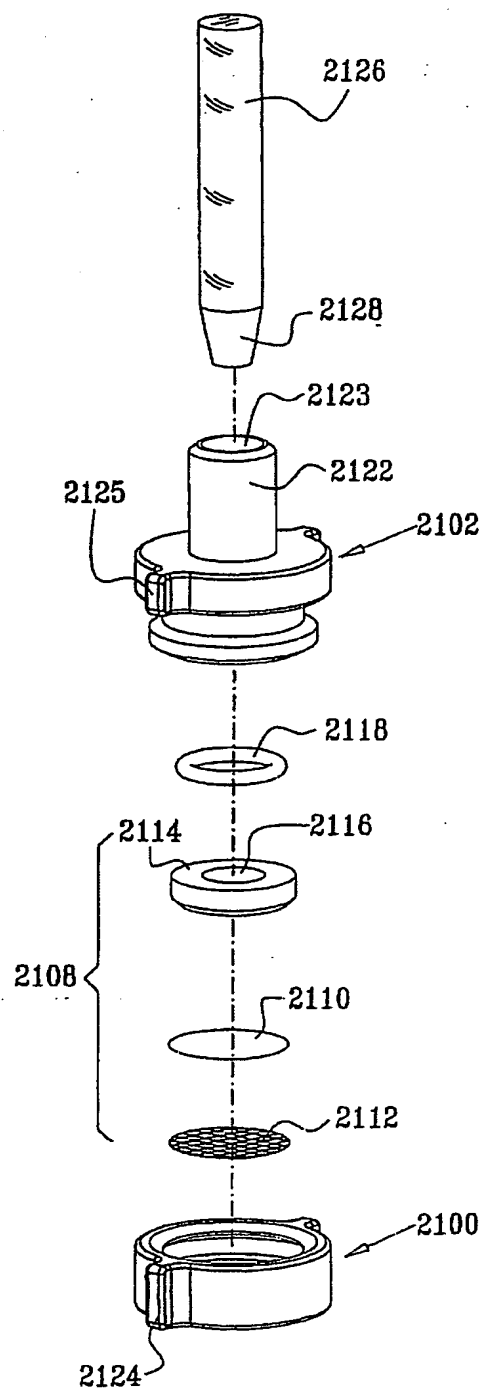
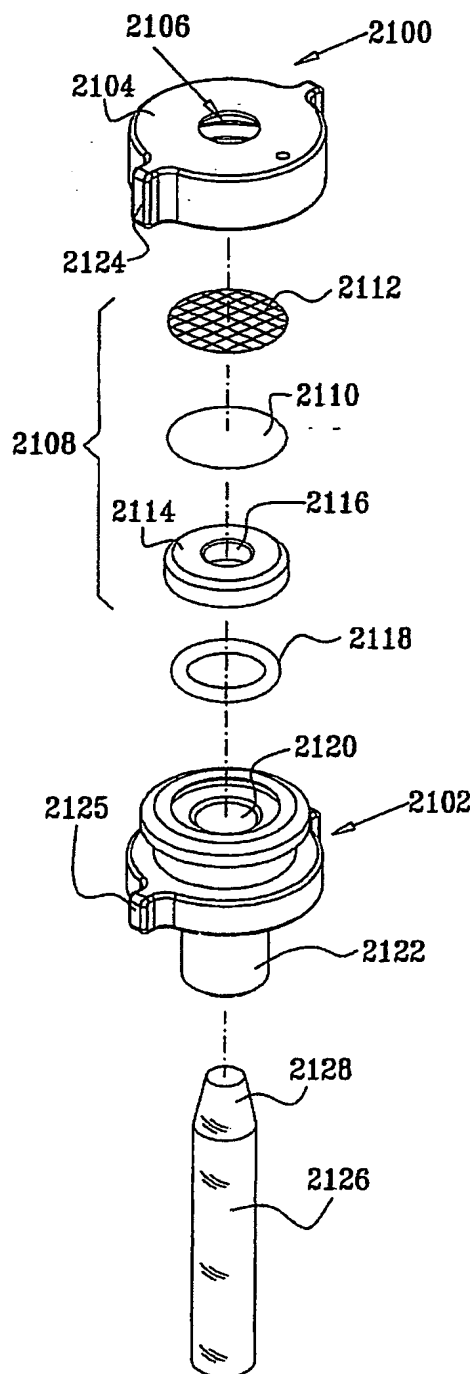


FIG. 58B



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FIG. 59A

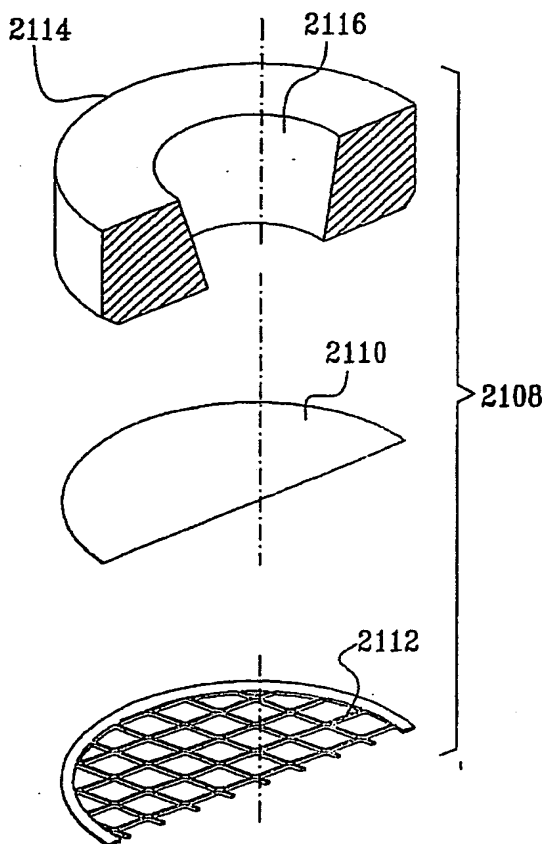
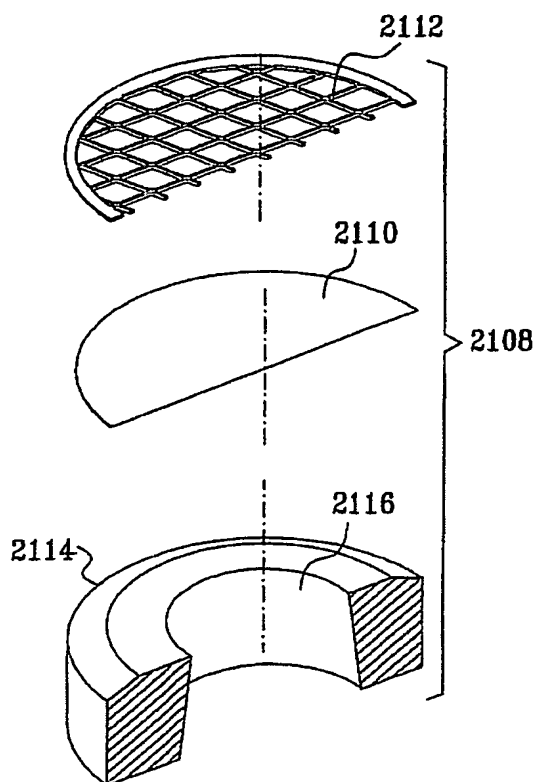


FIG. 59B



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FIG. 60A

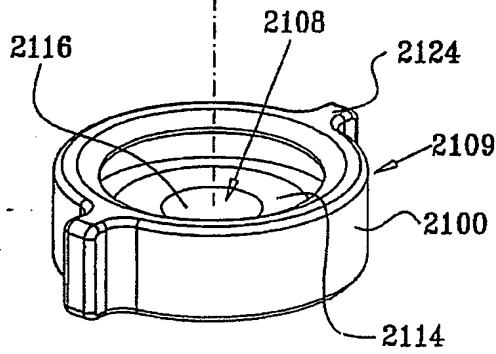
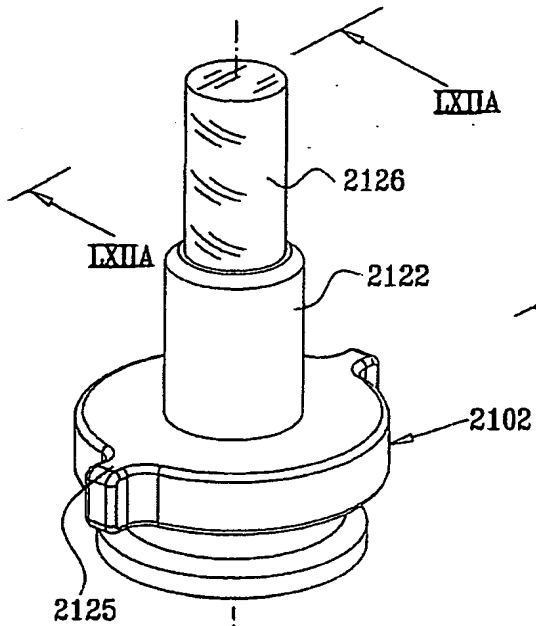
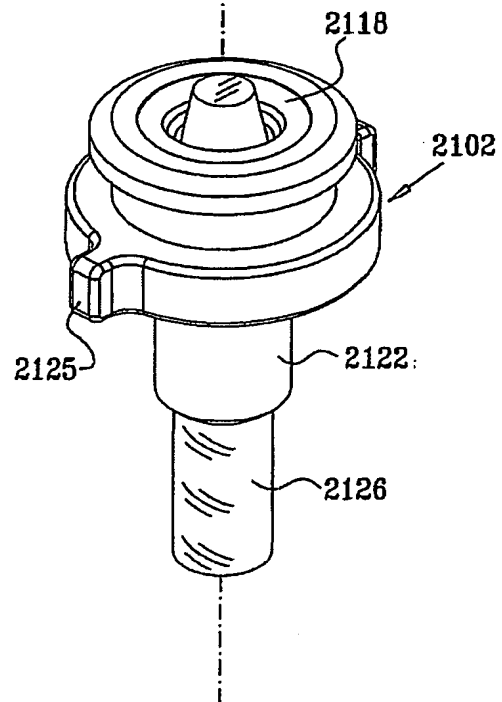
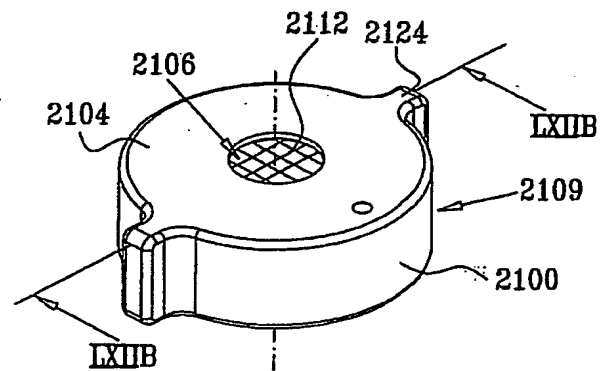


FIG. 60B



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FIG.61A

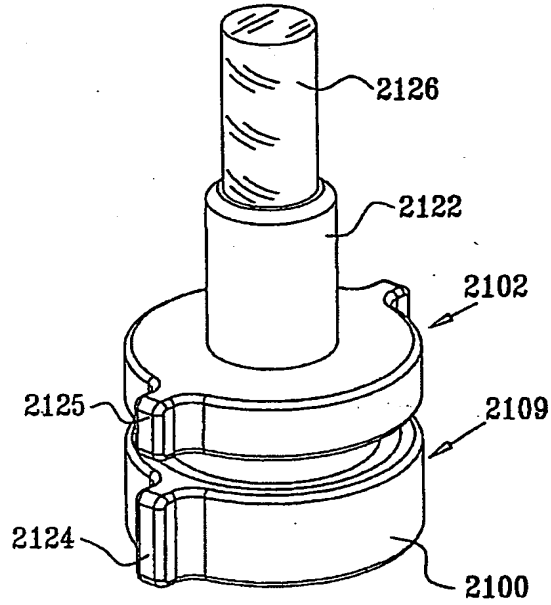
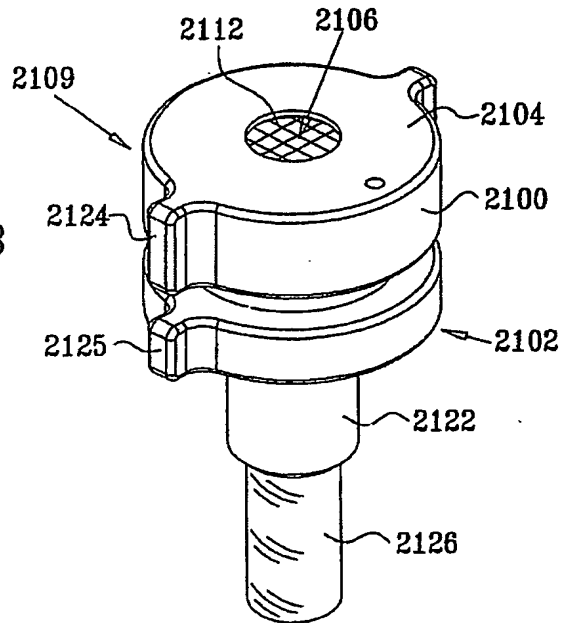


FIG.61B



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FIG. 62A

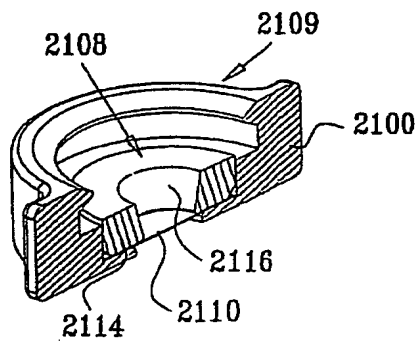
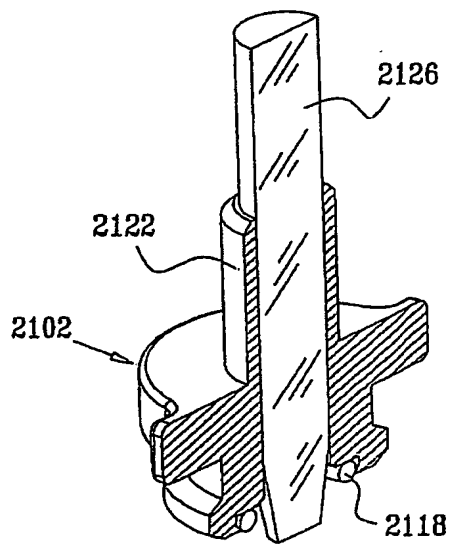
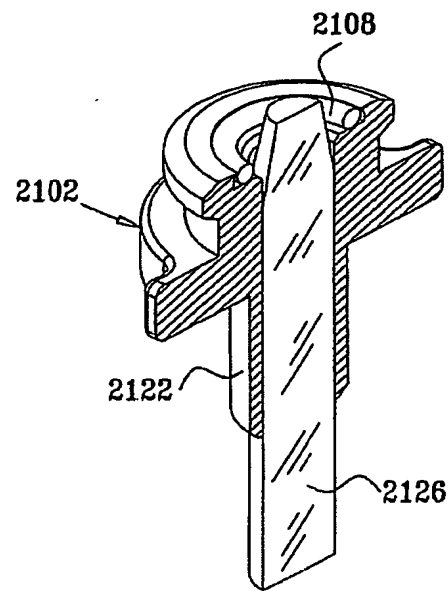
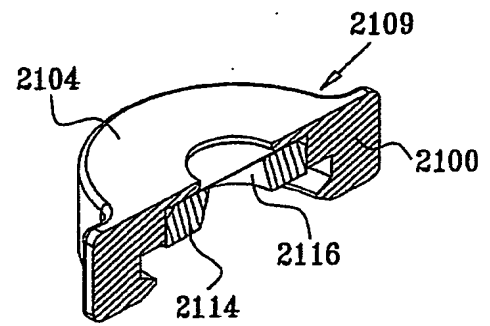
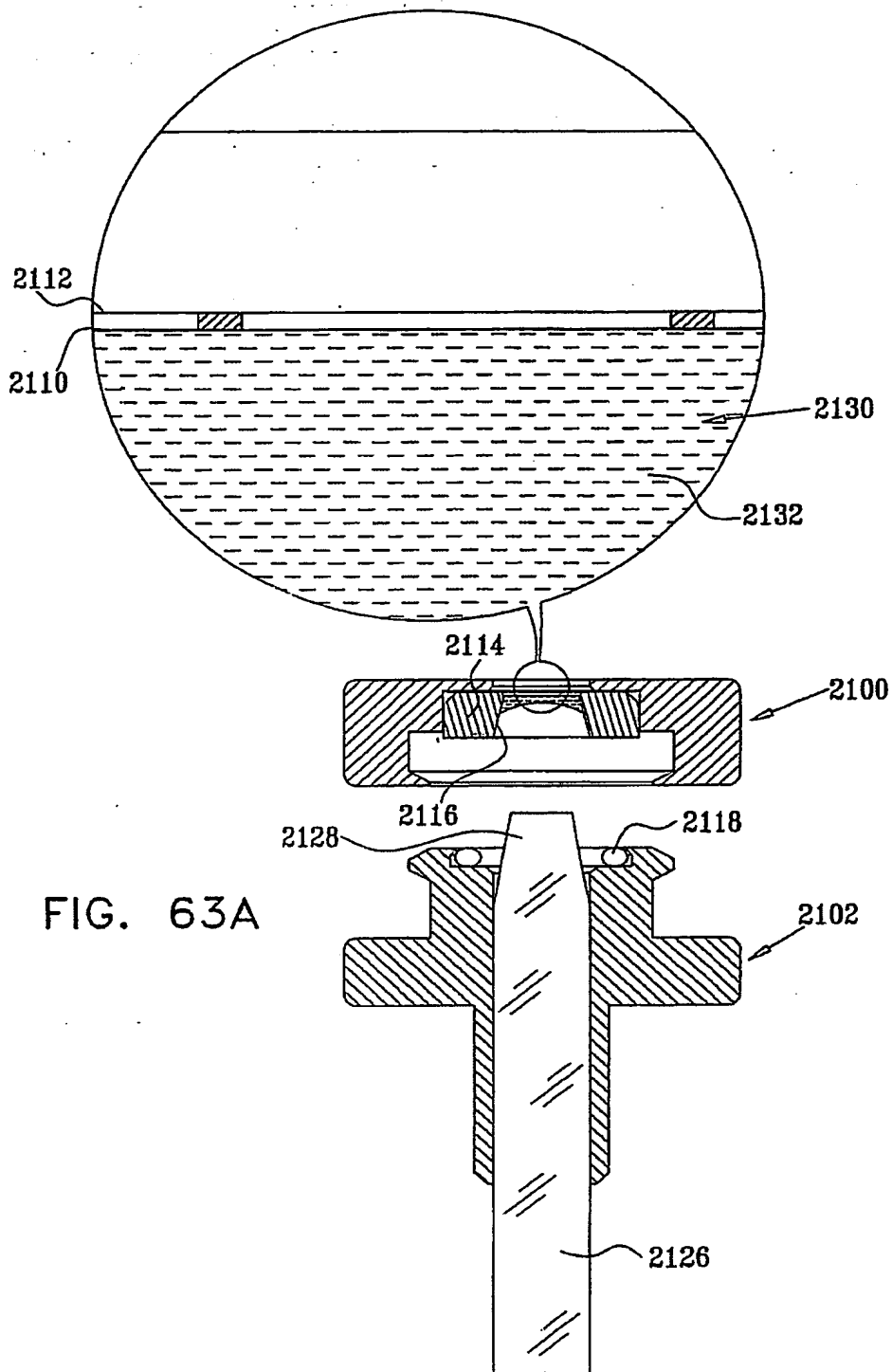


FIG. 62B

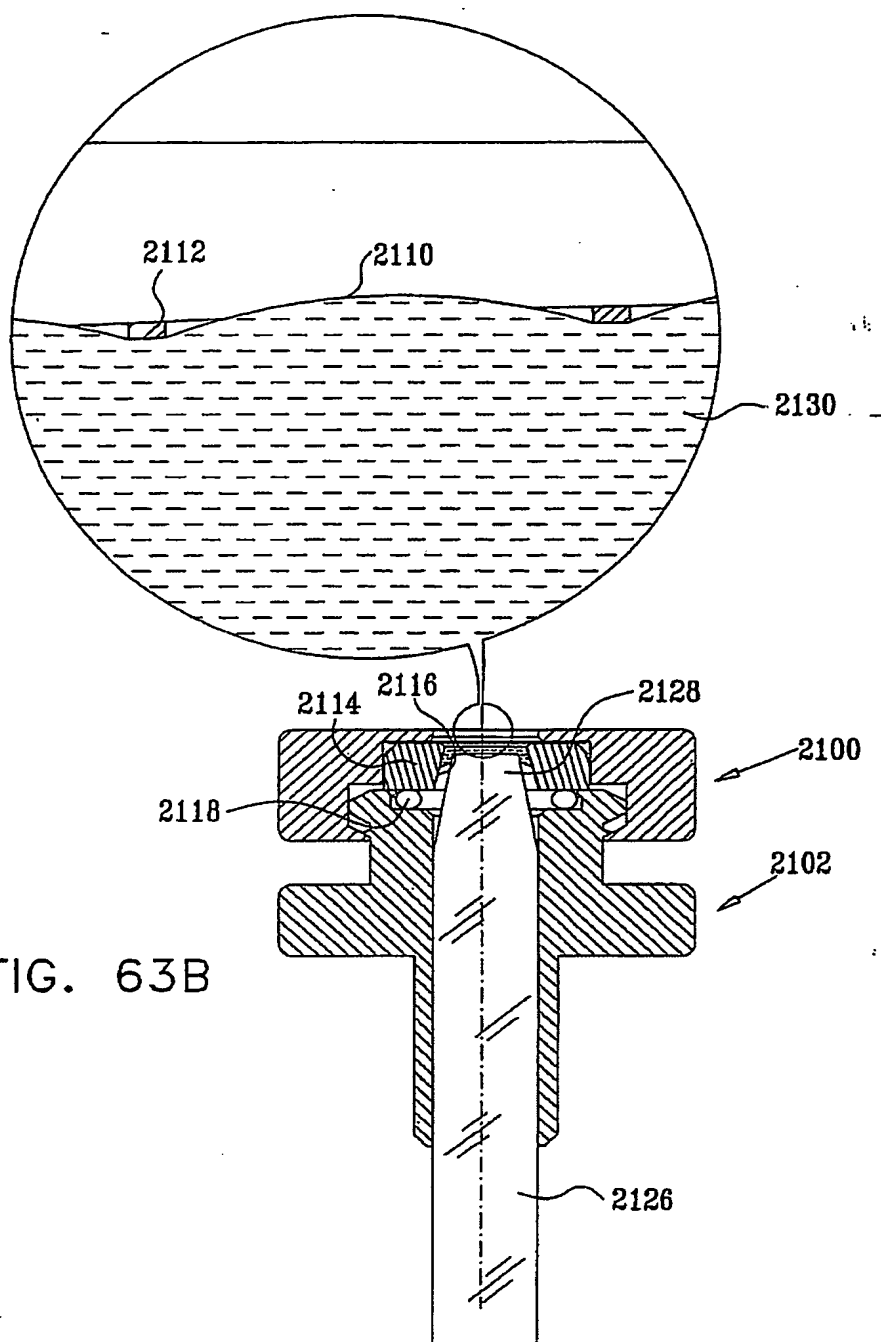




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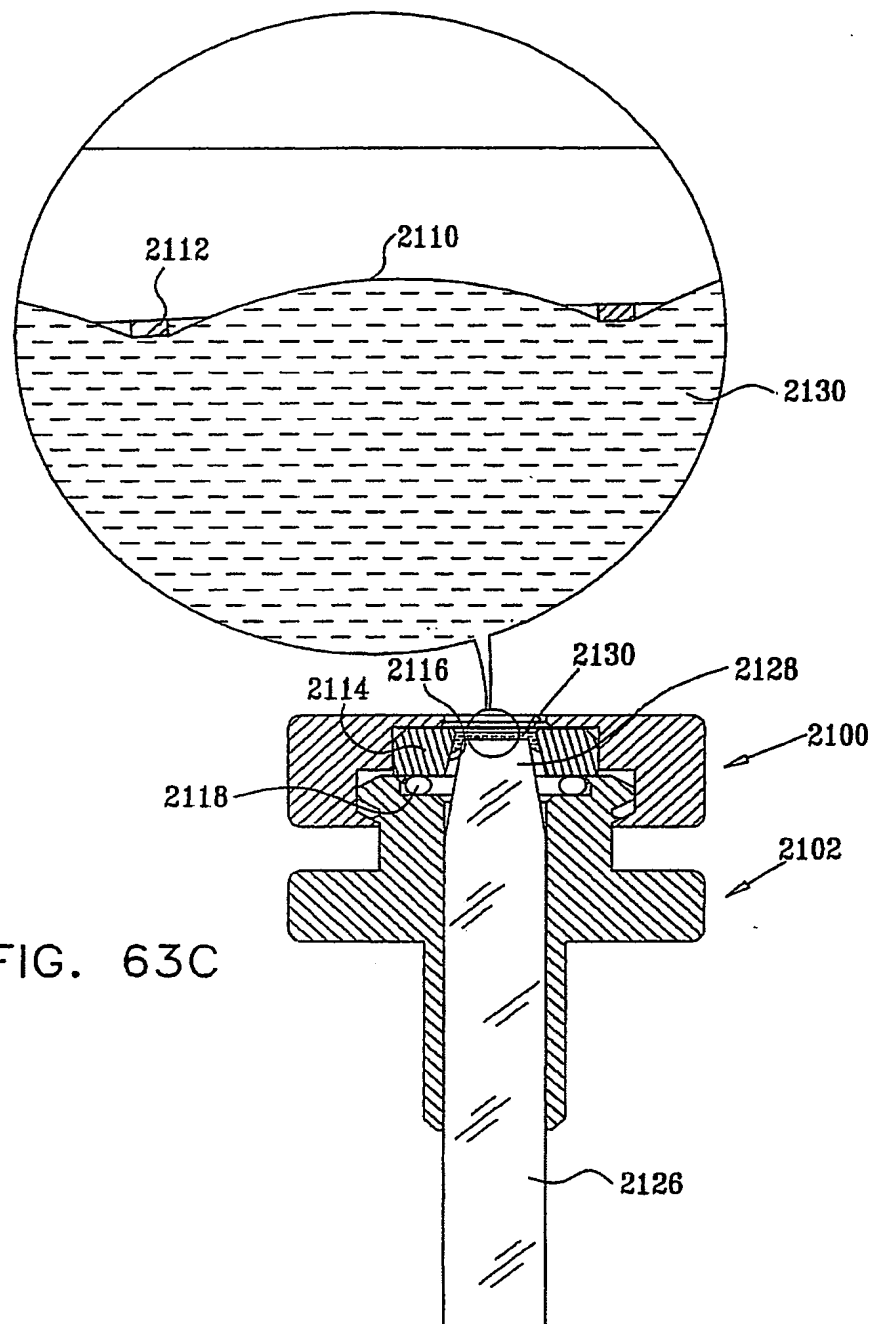
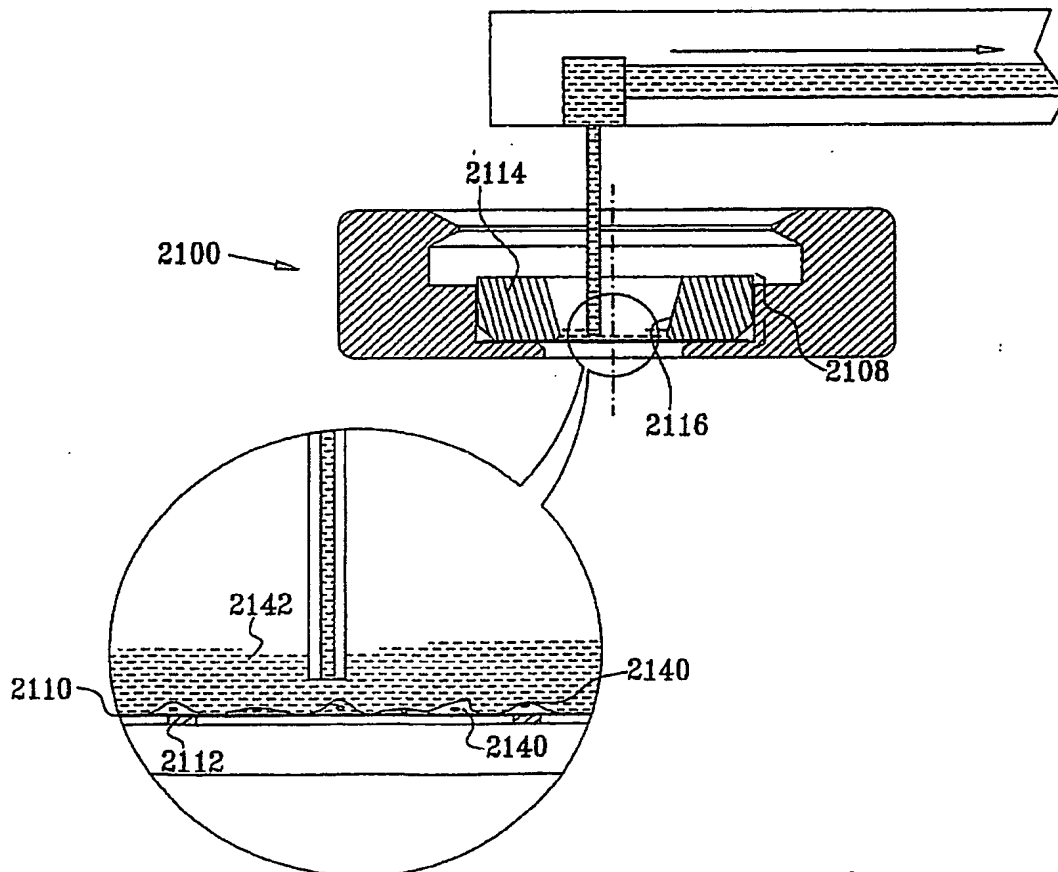
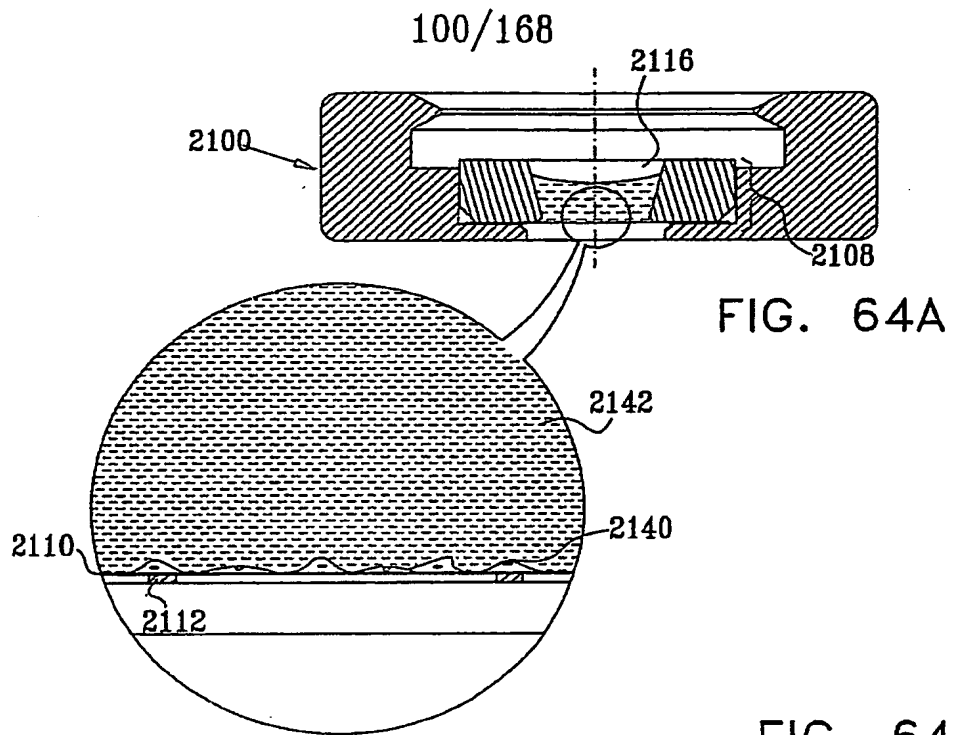


FIG. 63C



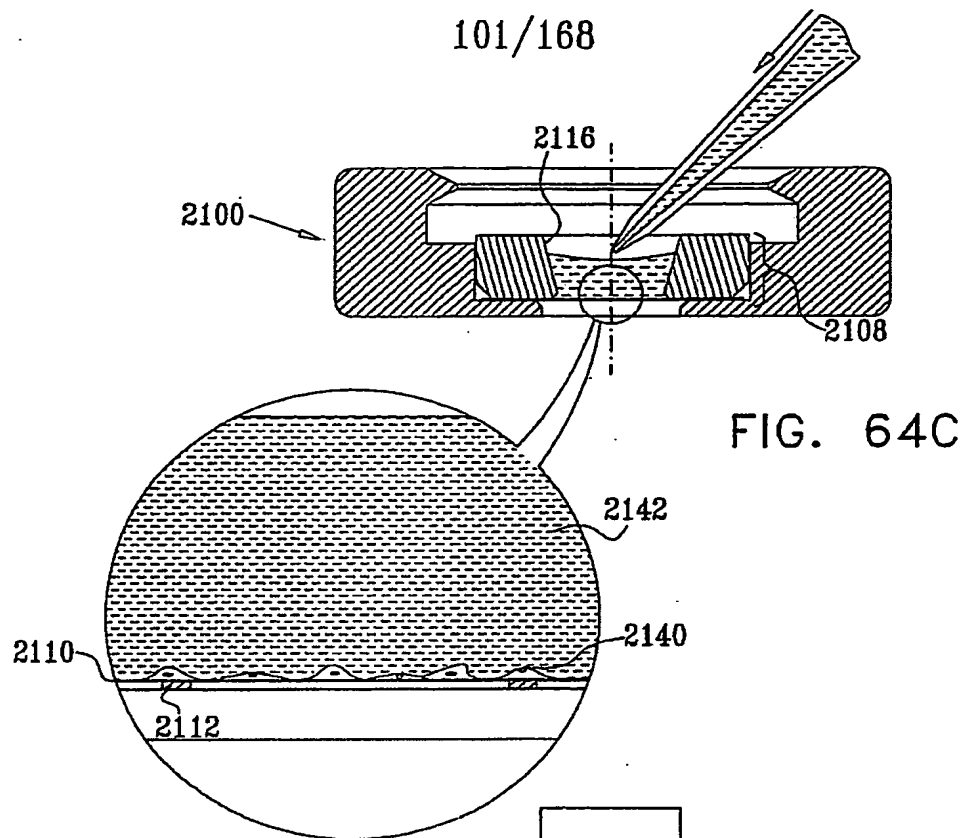
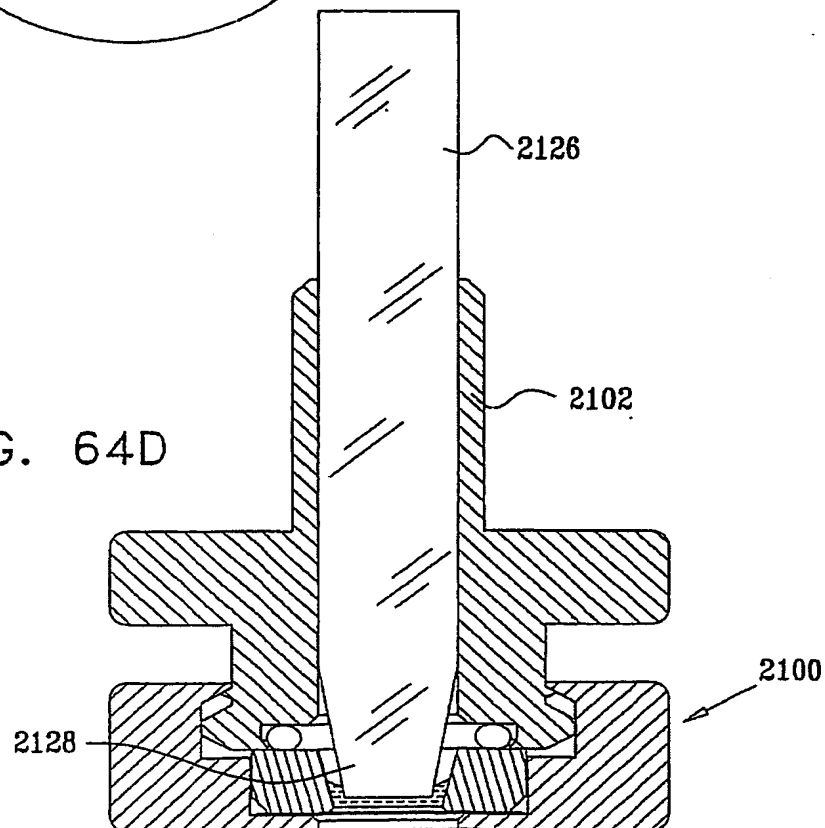
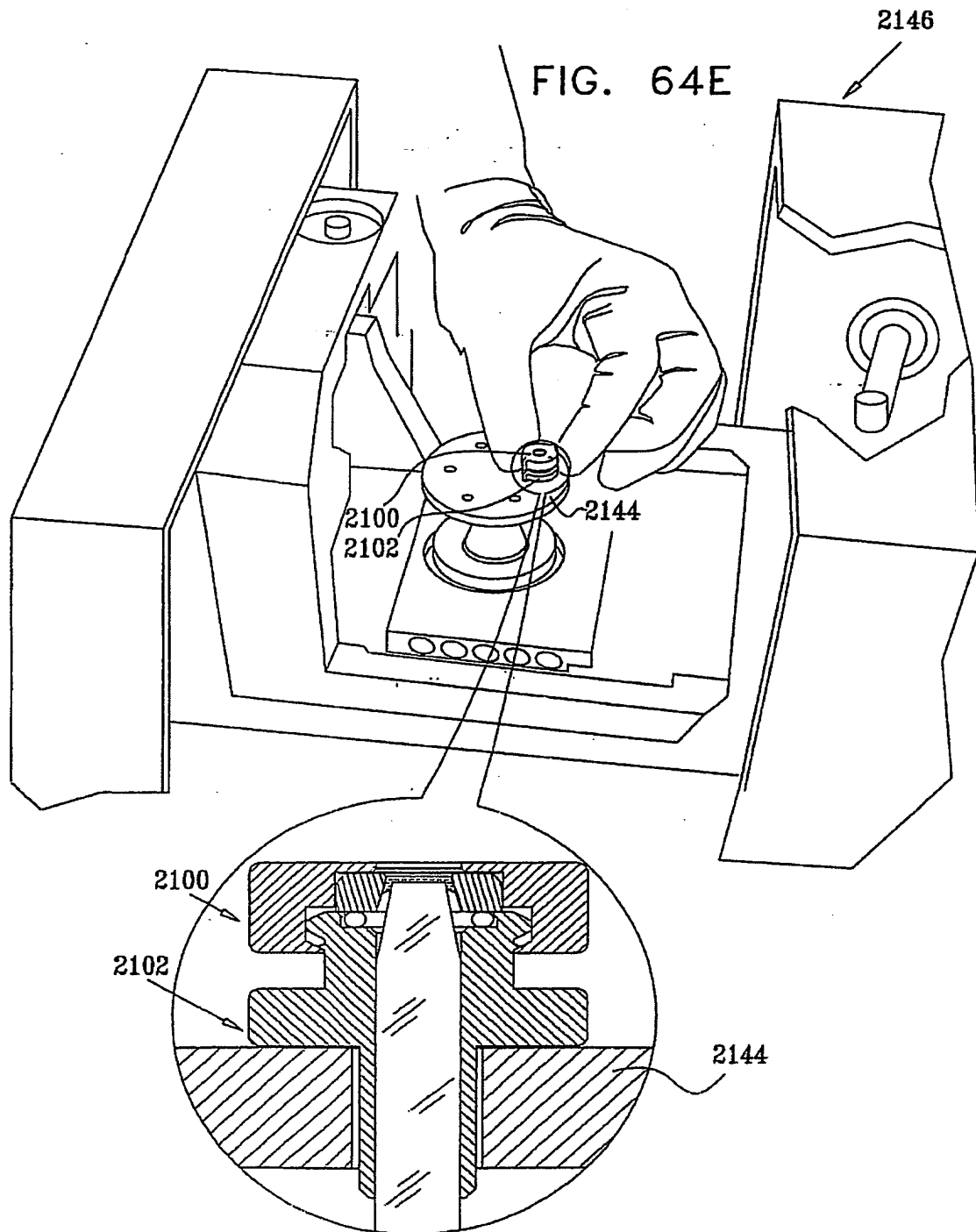


FIG. 64D



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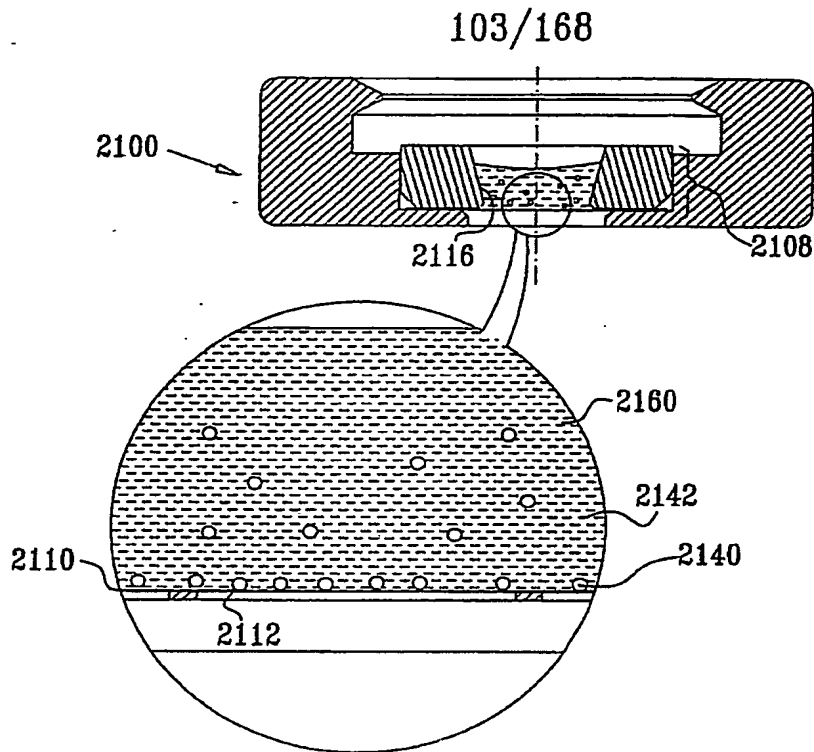


FIG. 65A

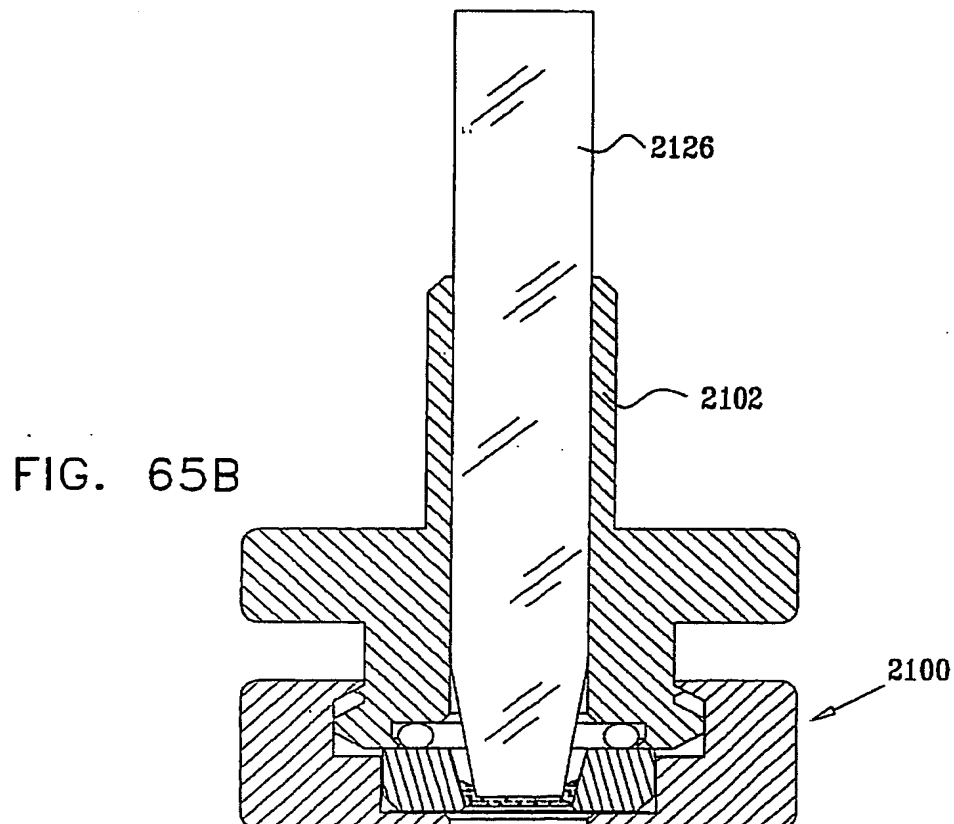
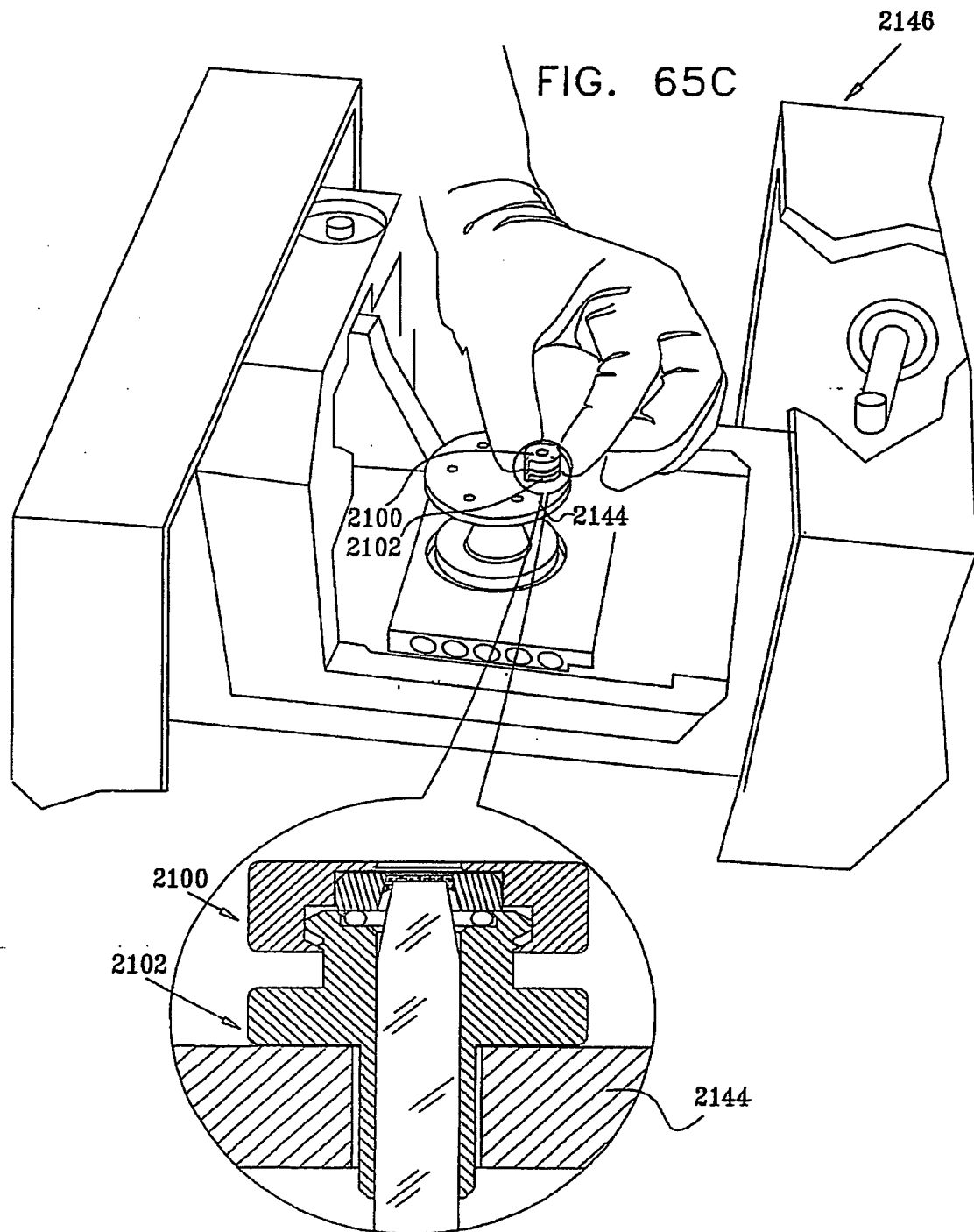
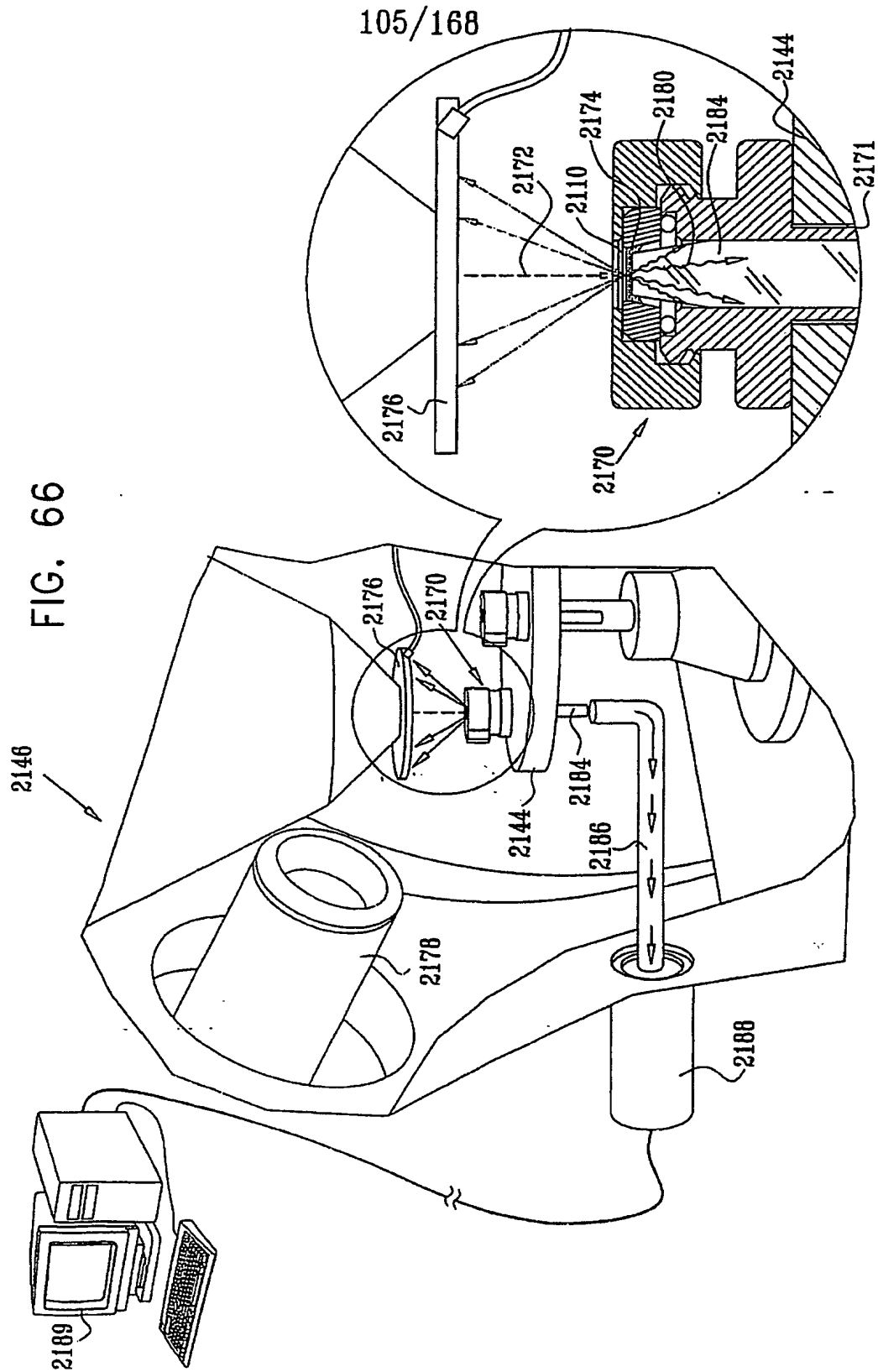


FIG. 65B

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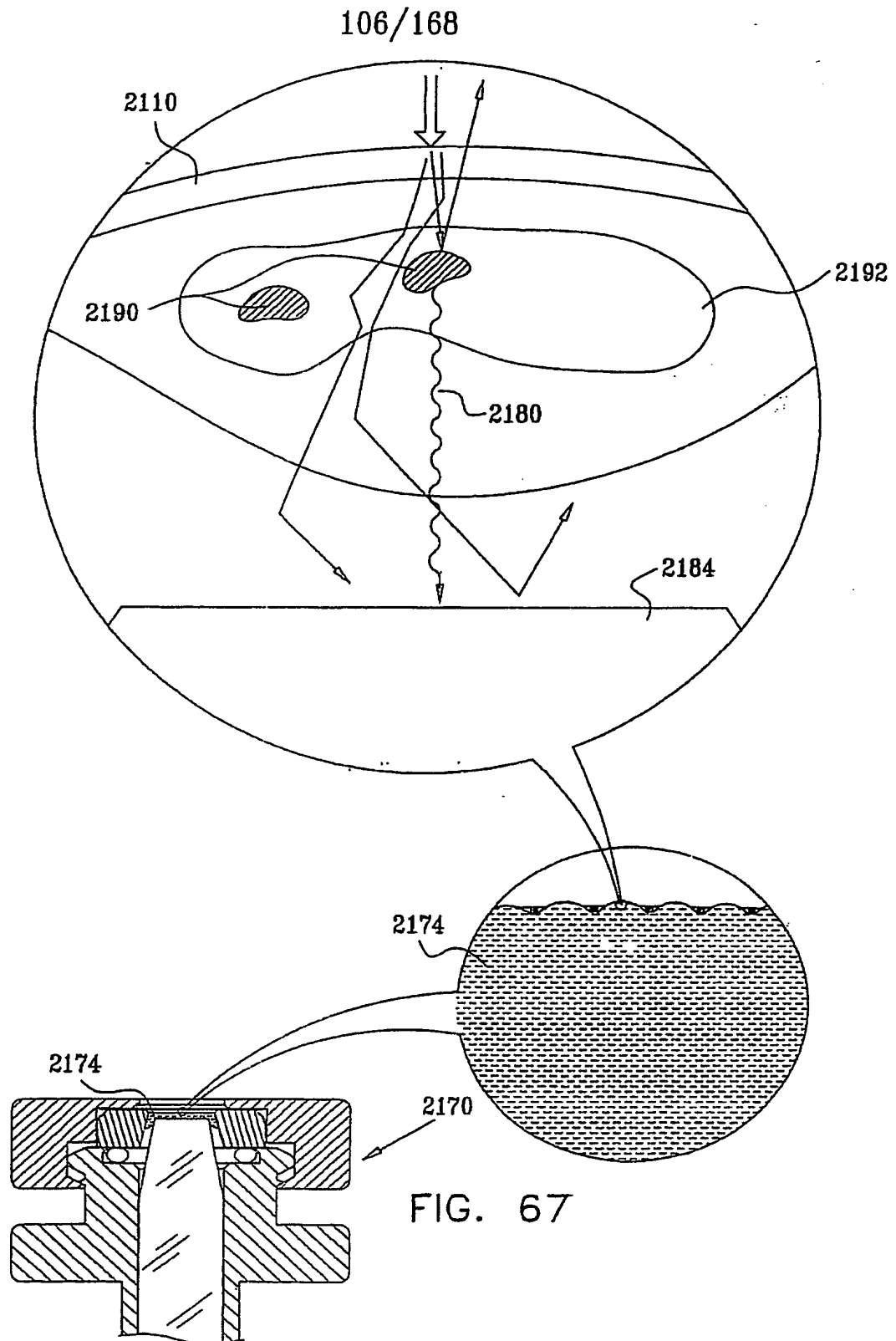


FIG. 68A 107/168

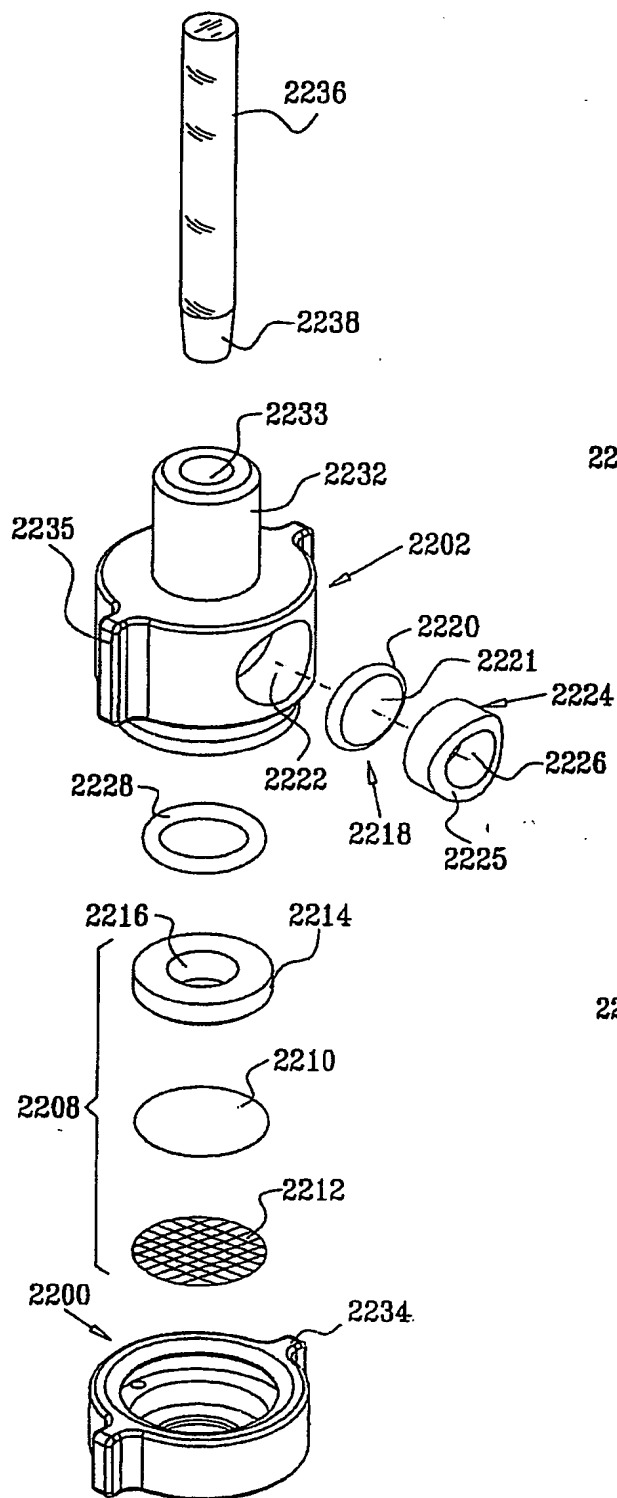
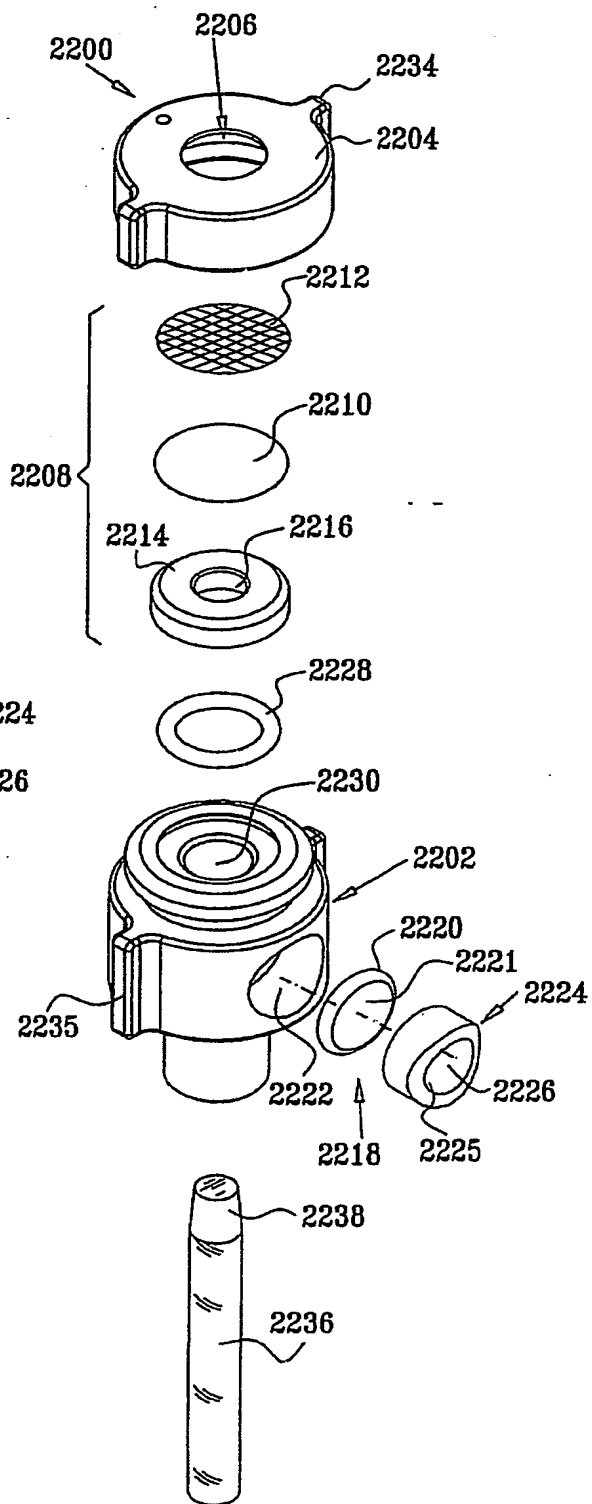


FIG. 68B



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FIG. 69A

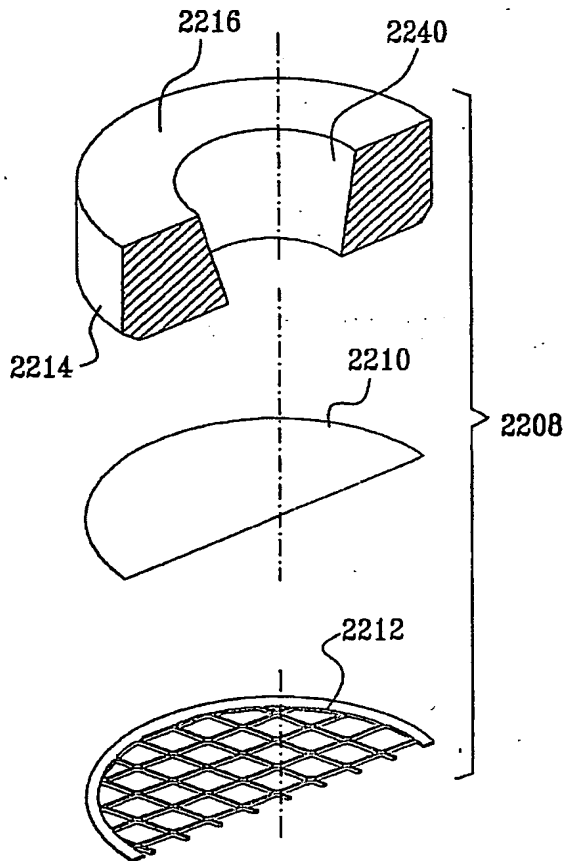
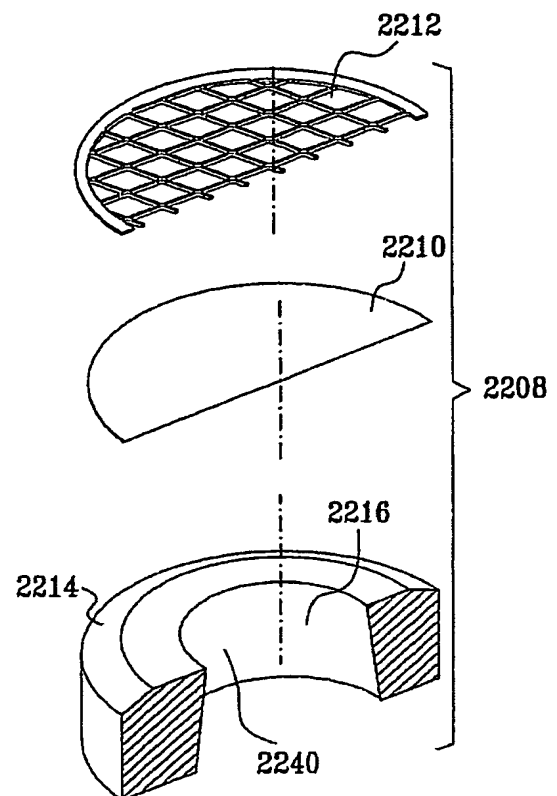


FIG. 69B



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FIG. 70A

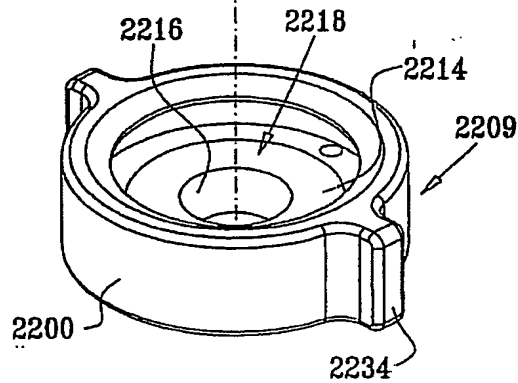
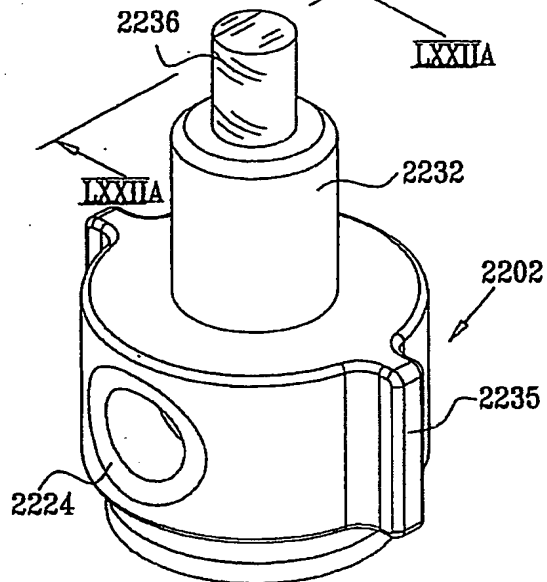
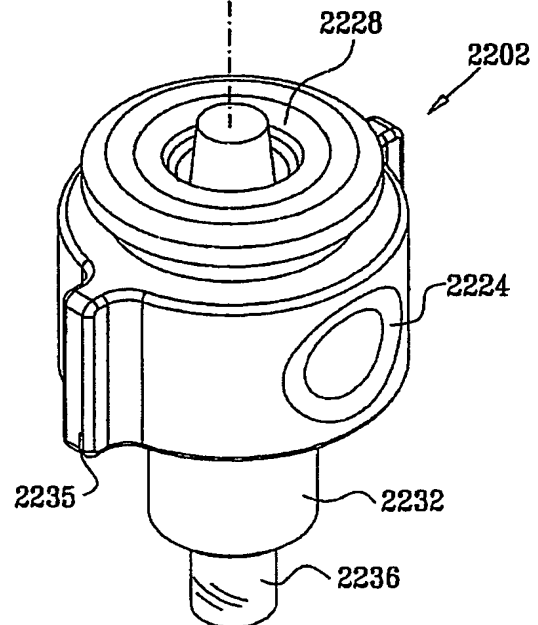
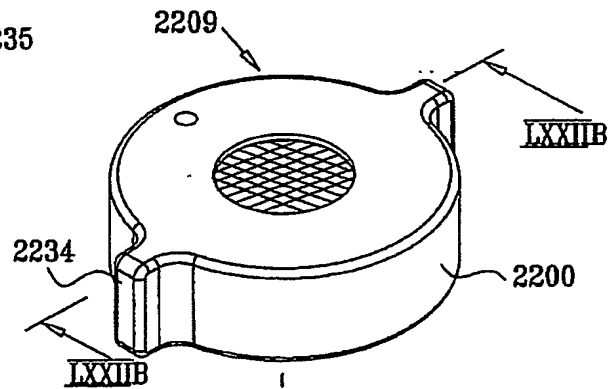


FIG. 70B



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FIG. 71A

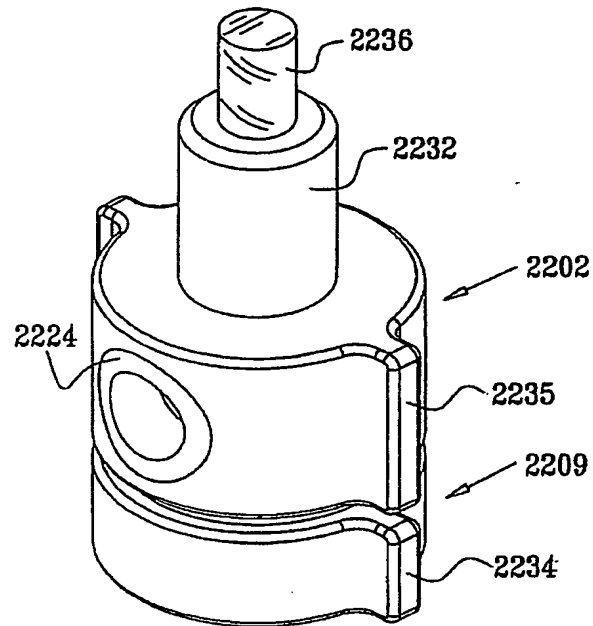


FIG. 71B

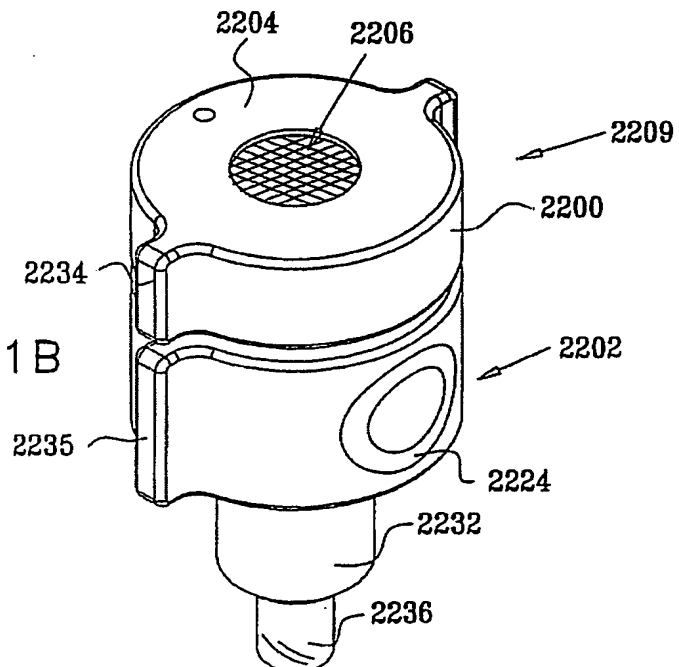


FIG. 72A

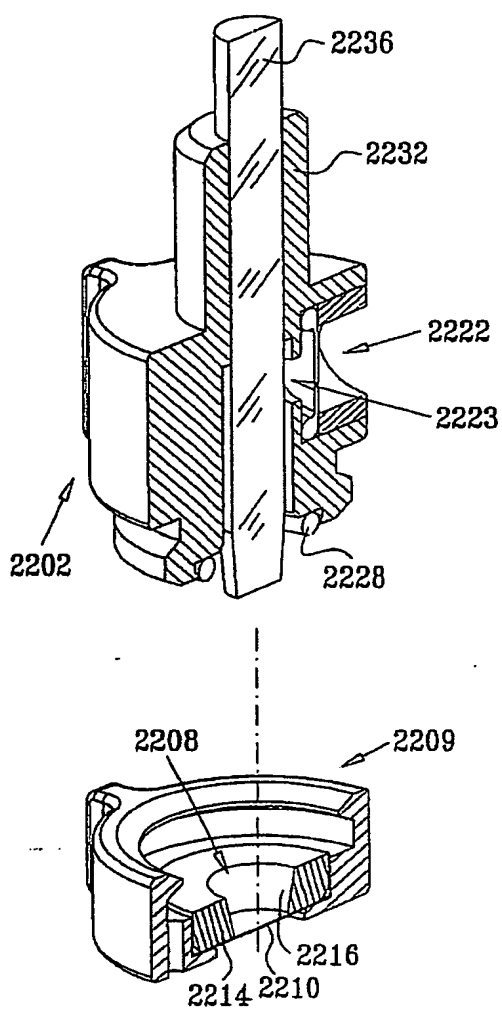
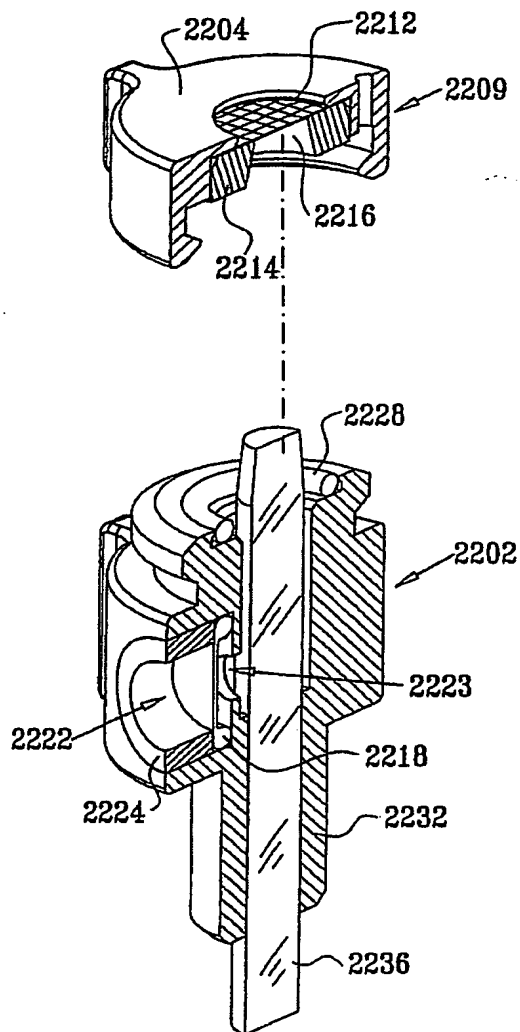
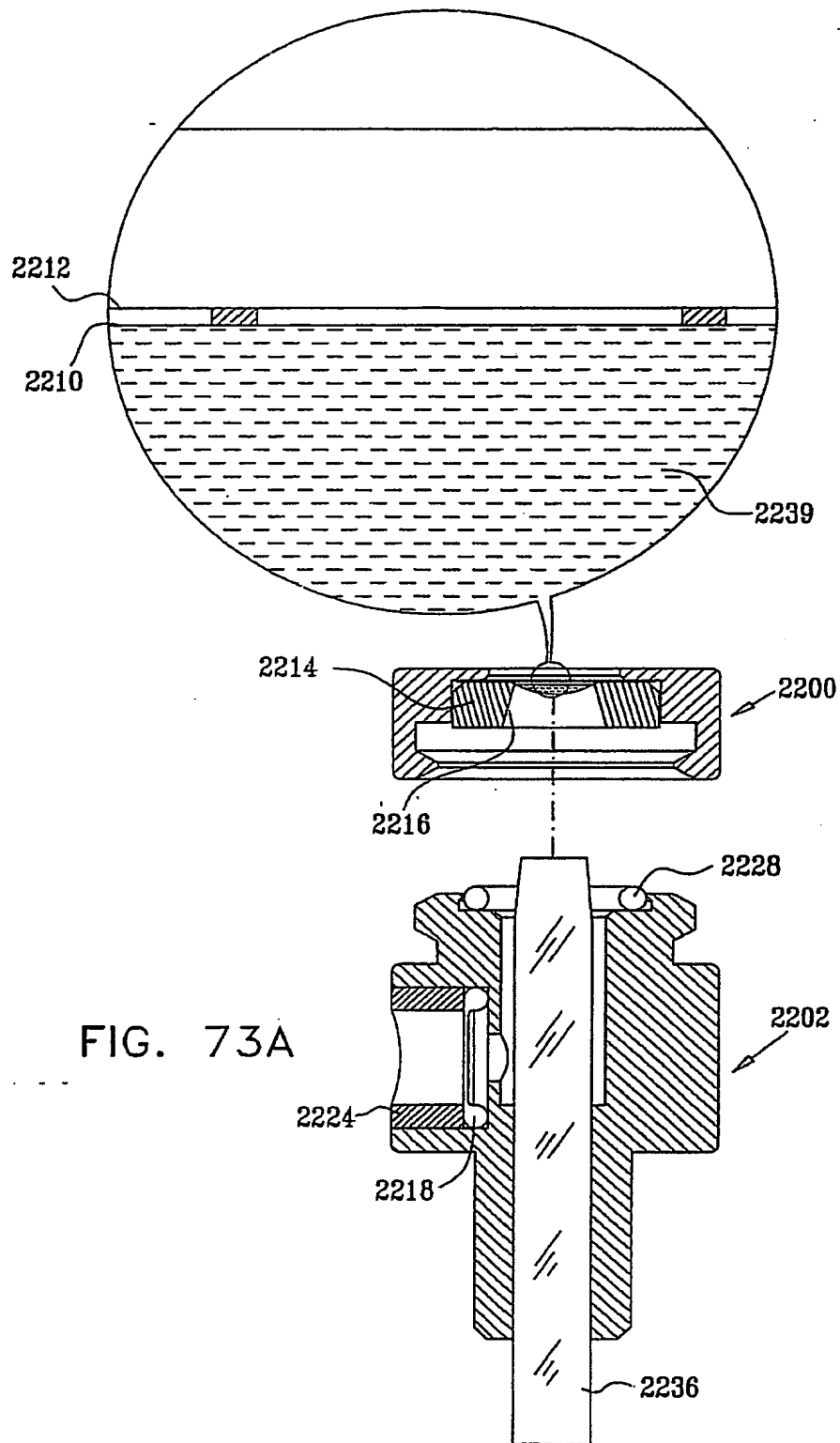


FIG. 72B

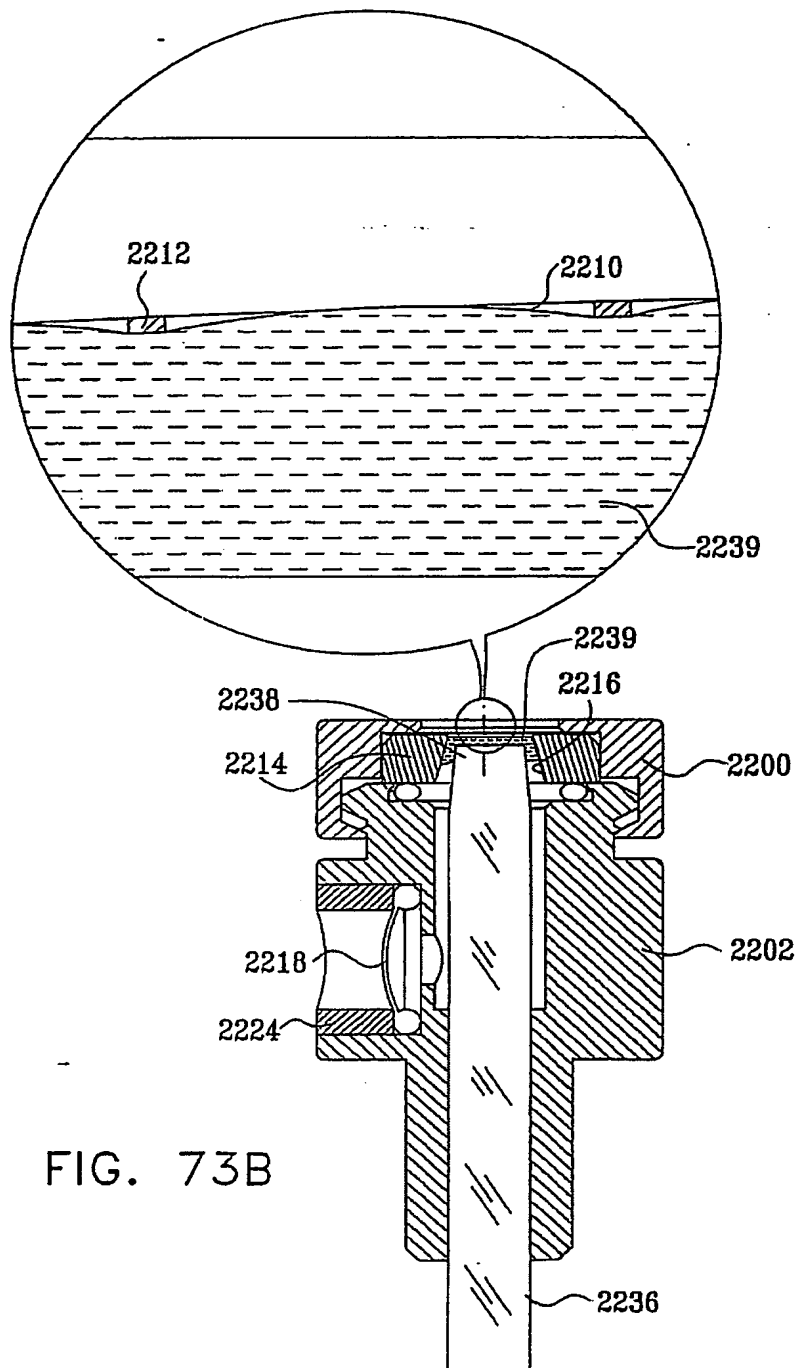


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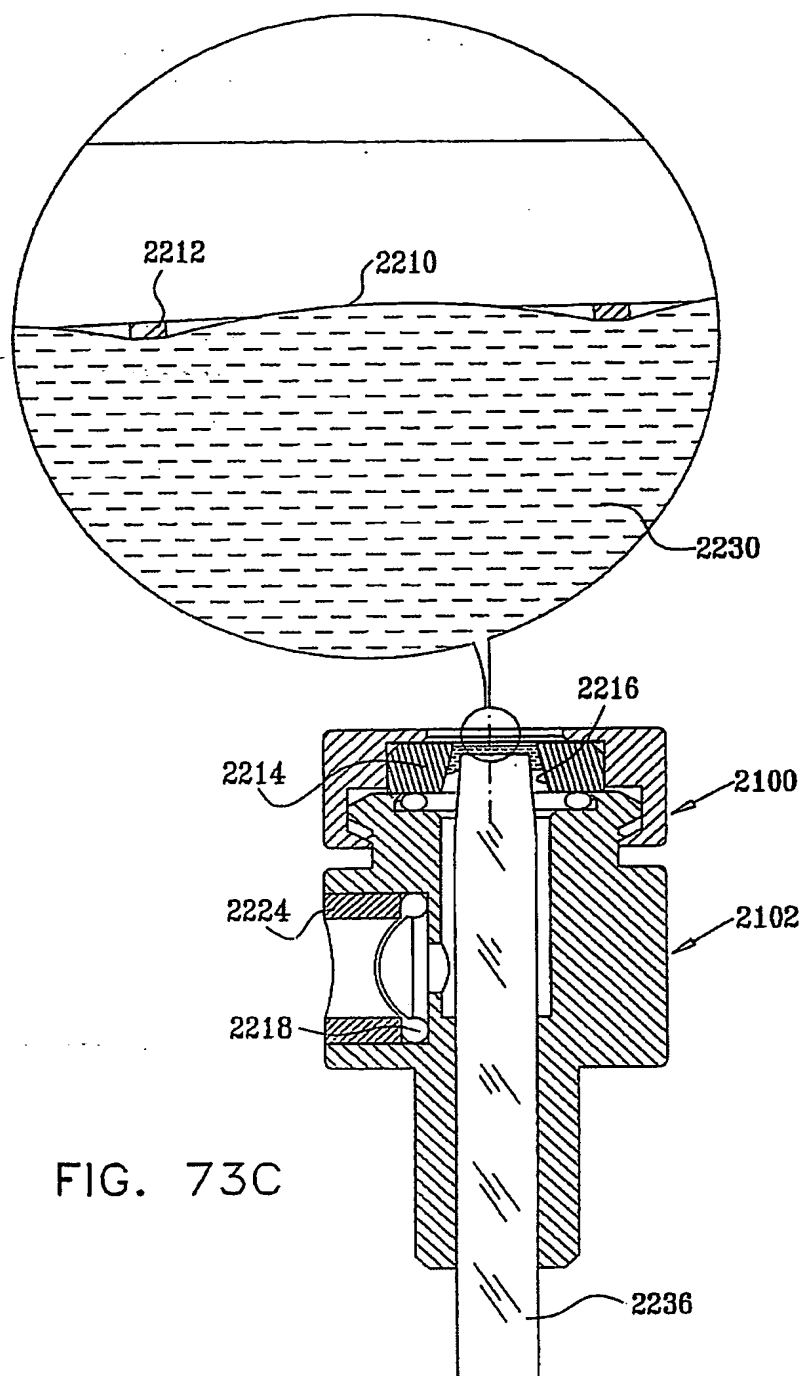
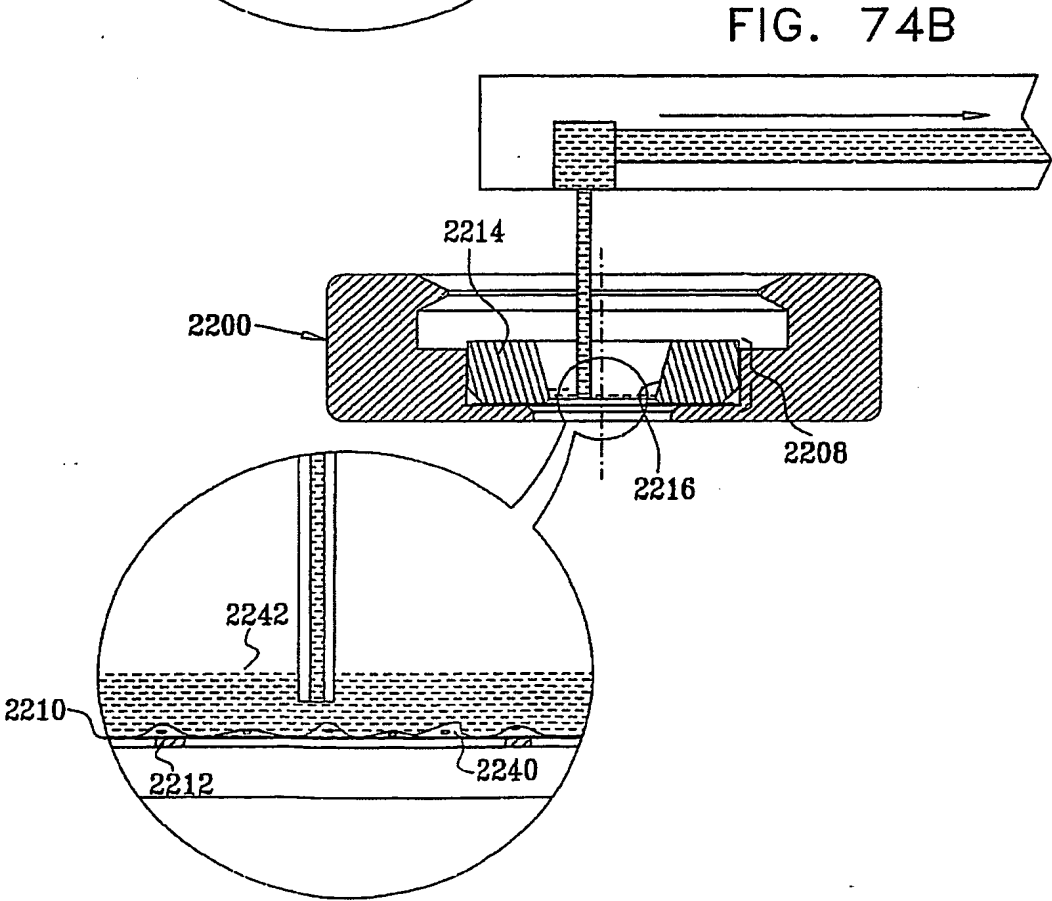
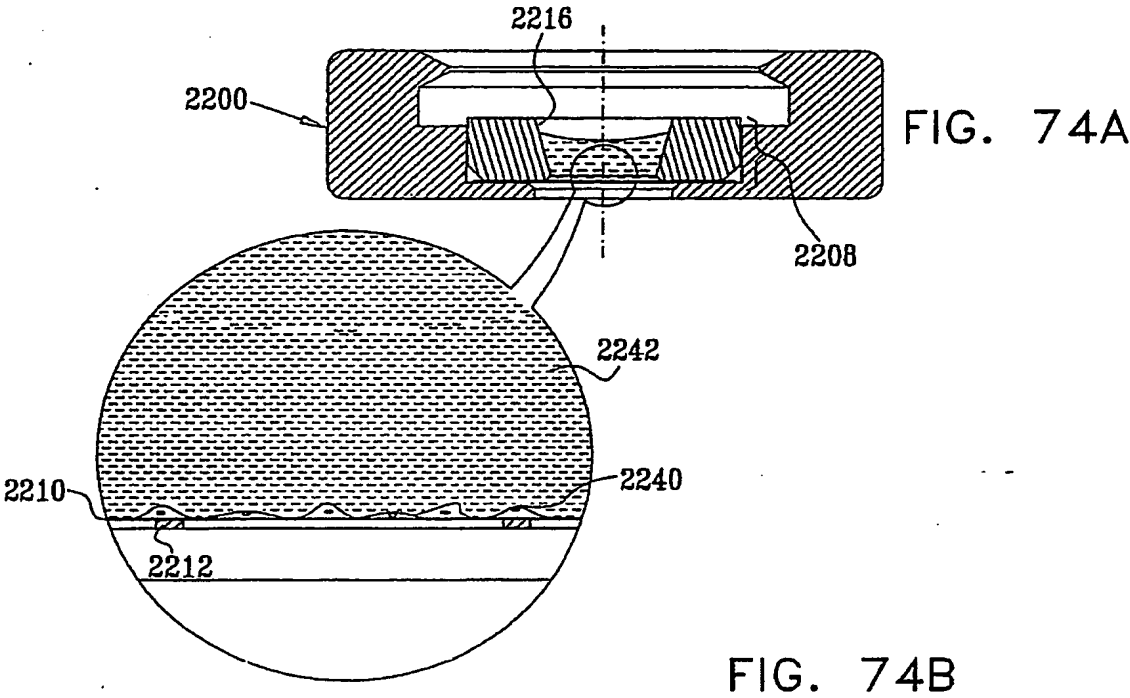
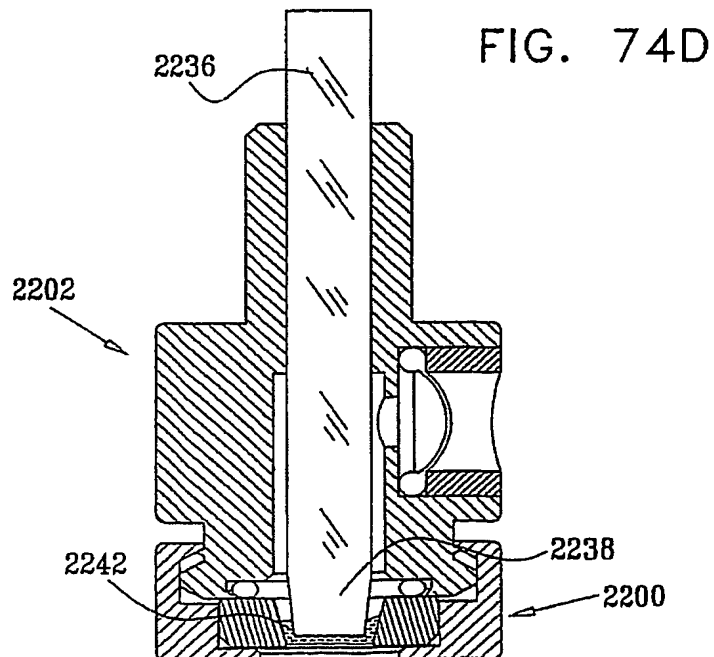
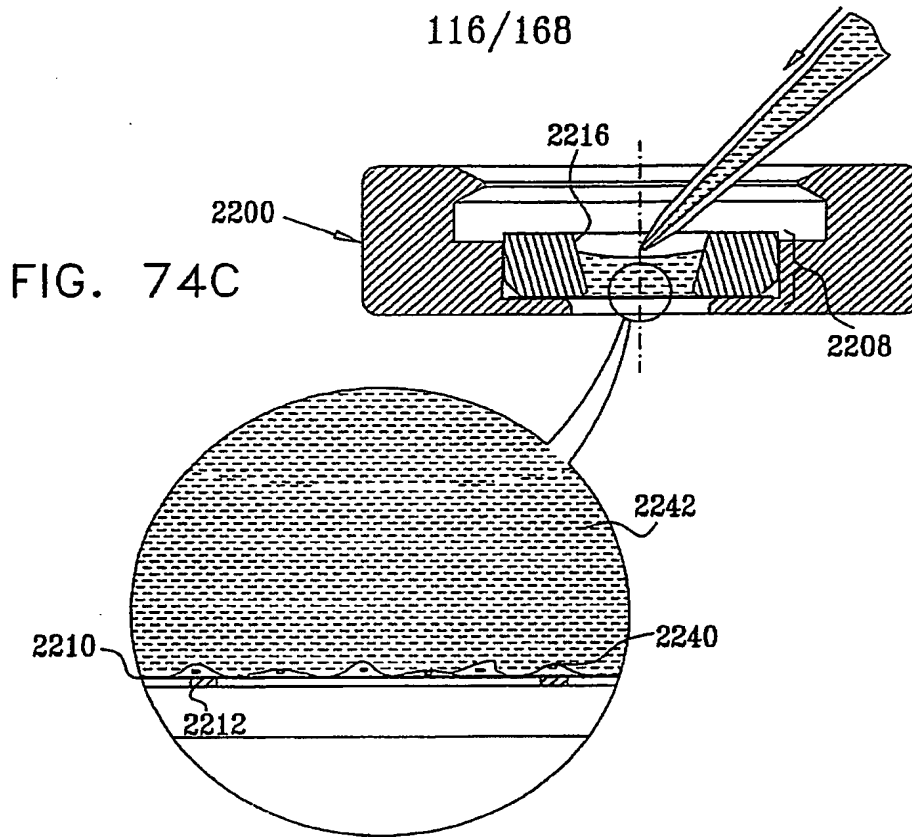


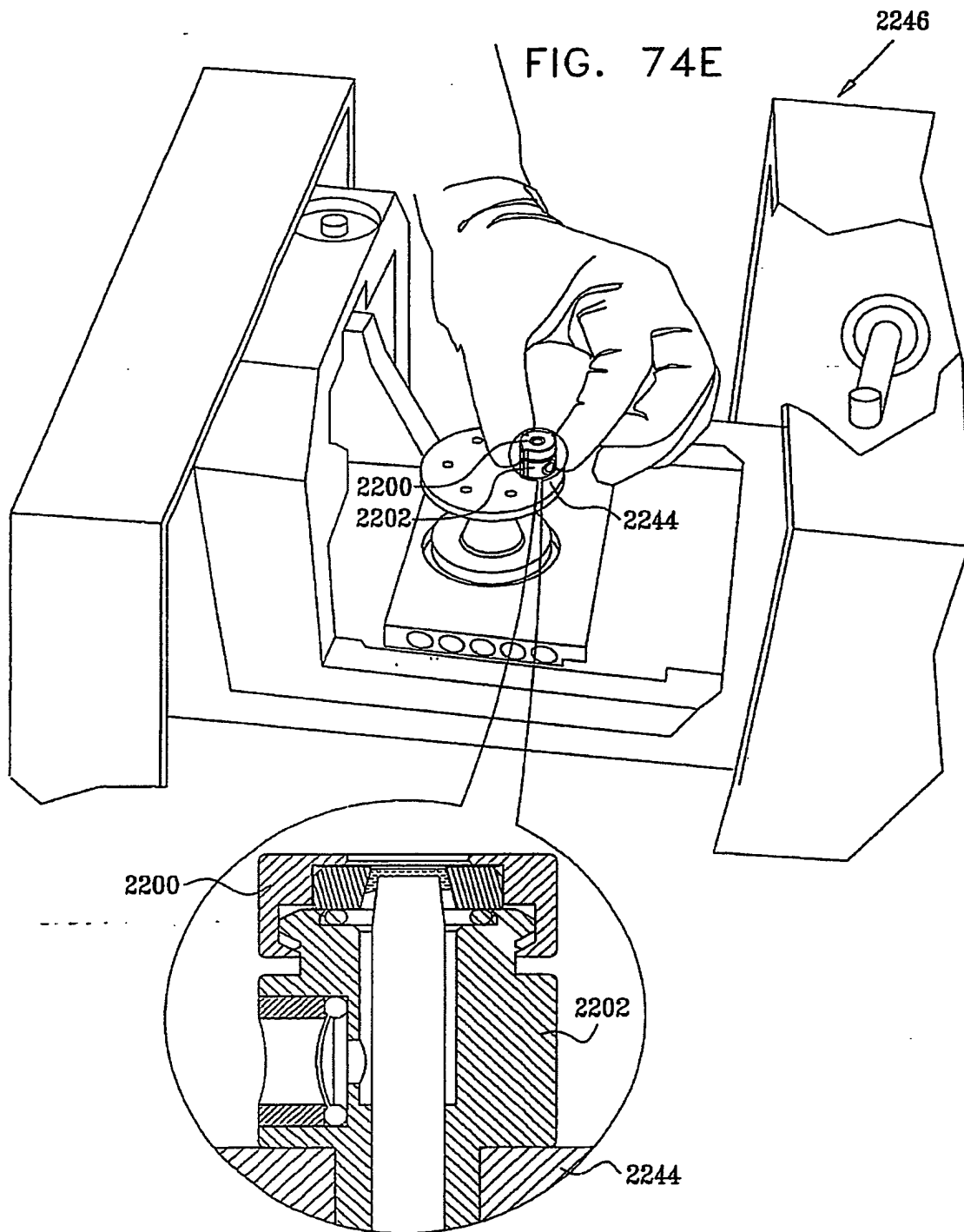
FIG. 73C

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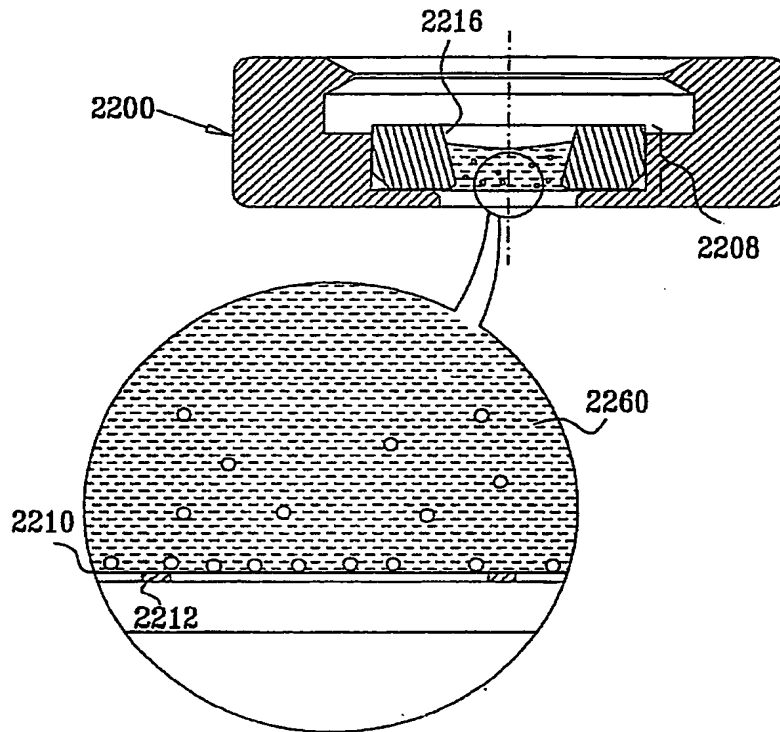
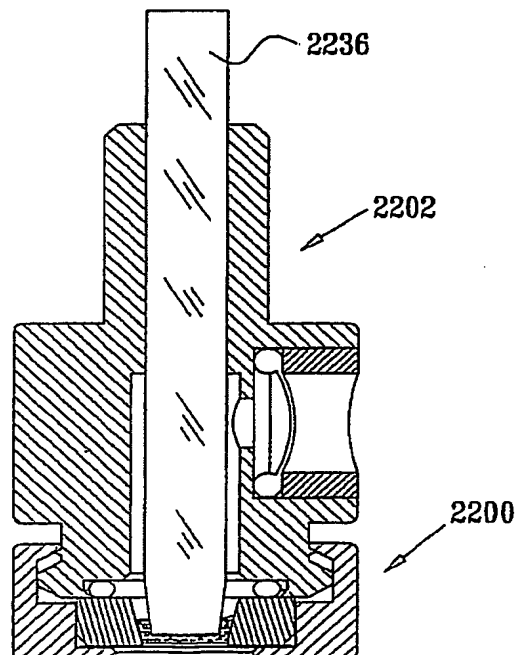


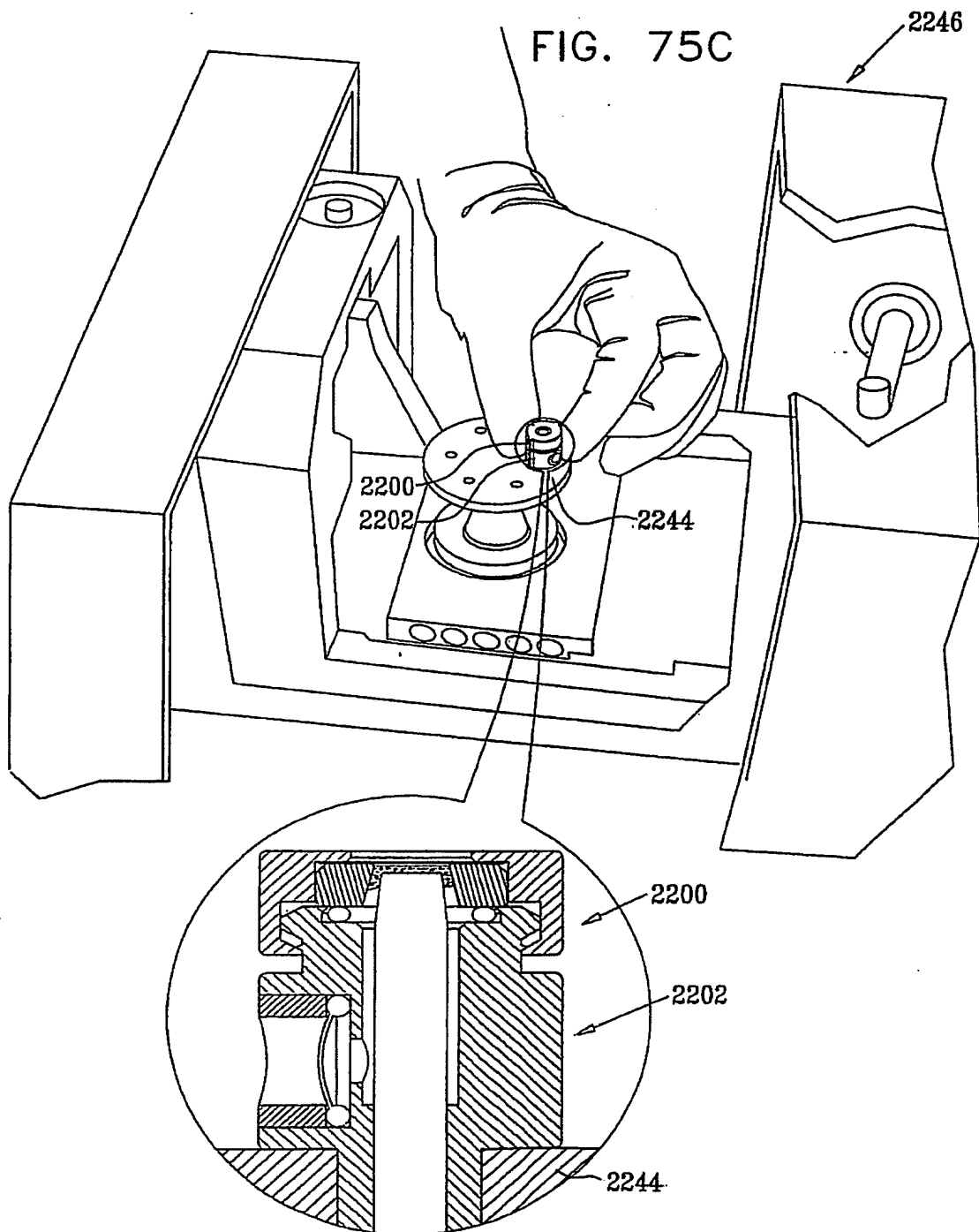
FIG. 75A

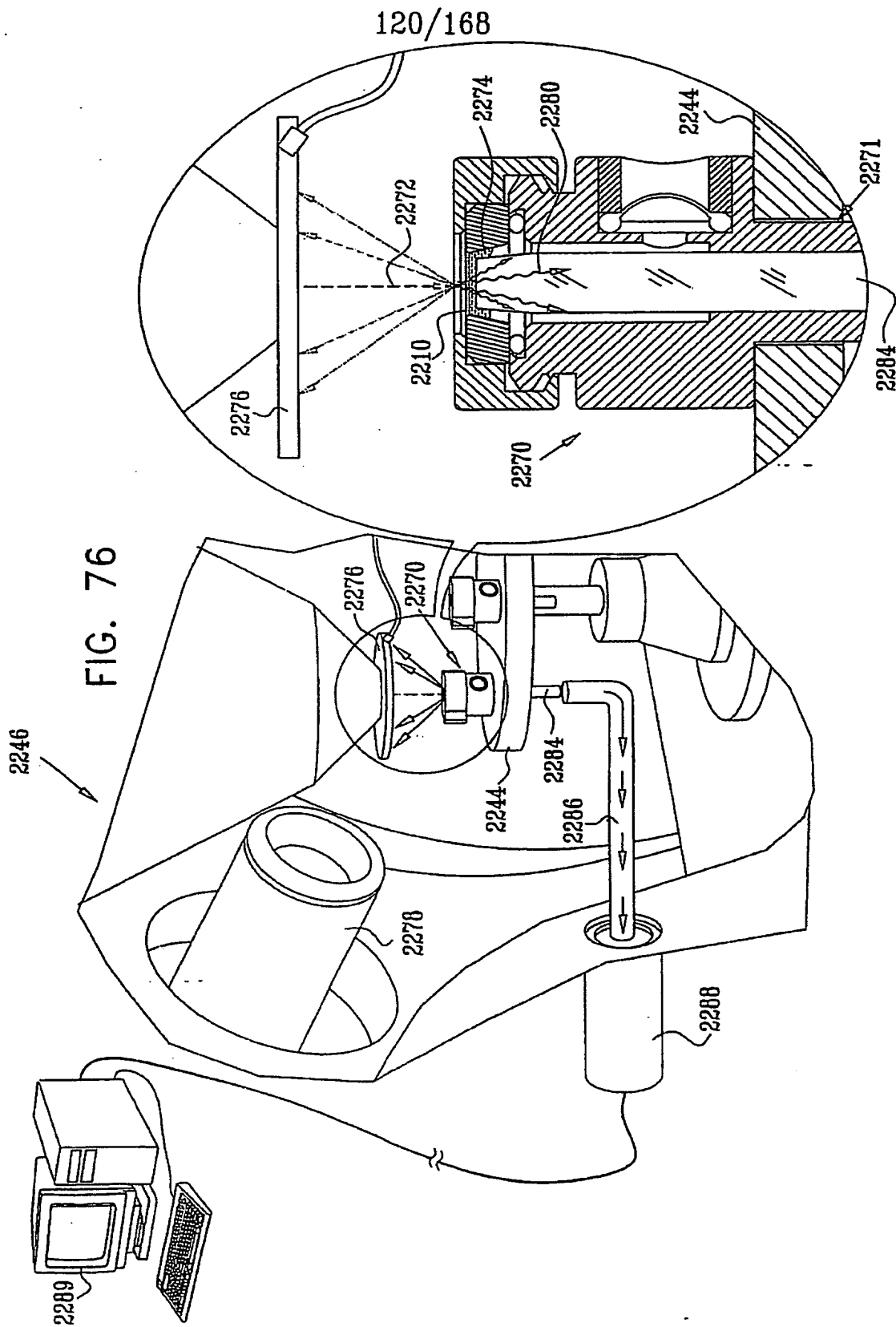
FIG. 75B



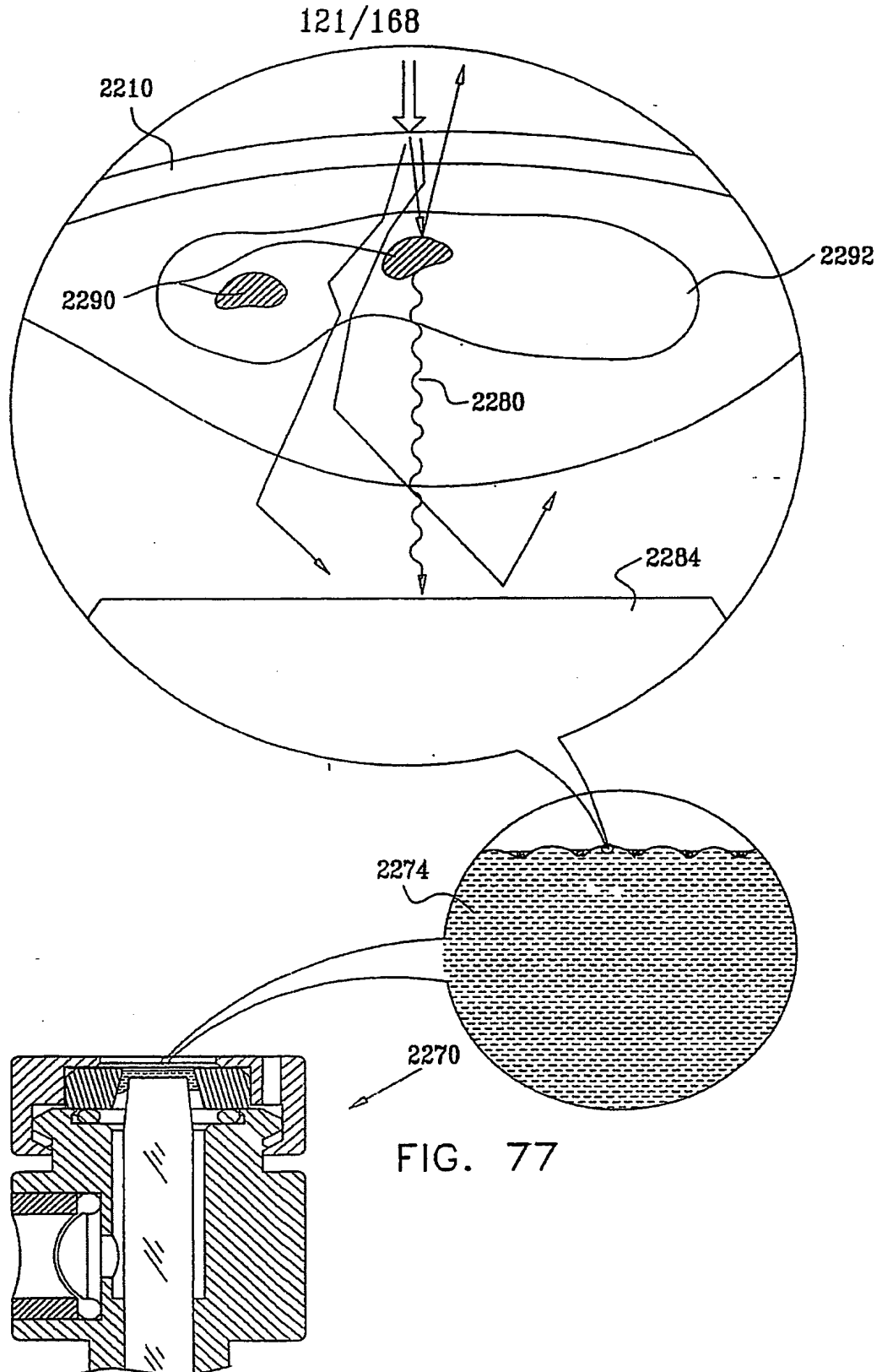
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FIG. 75C



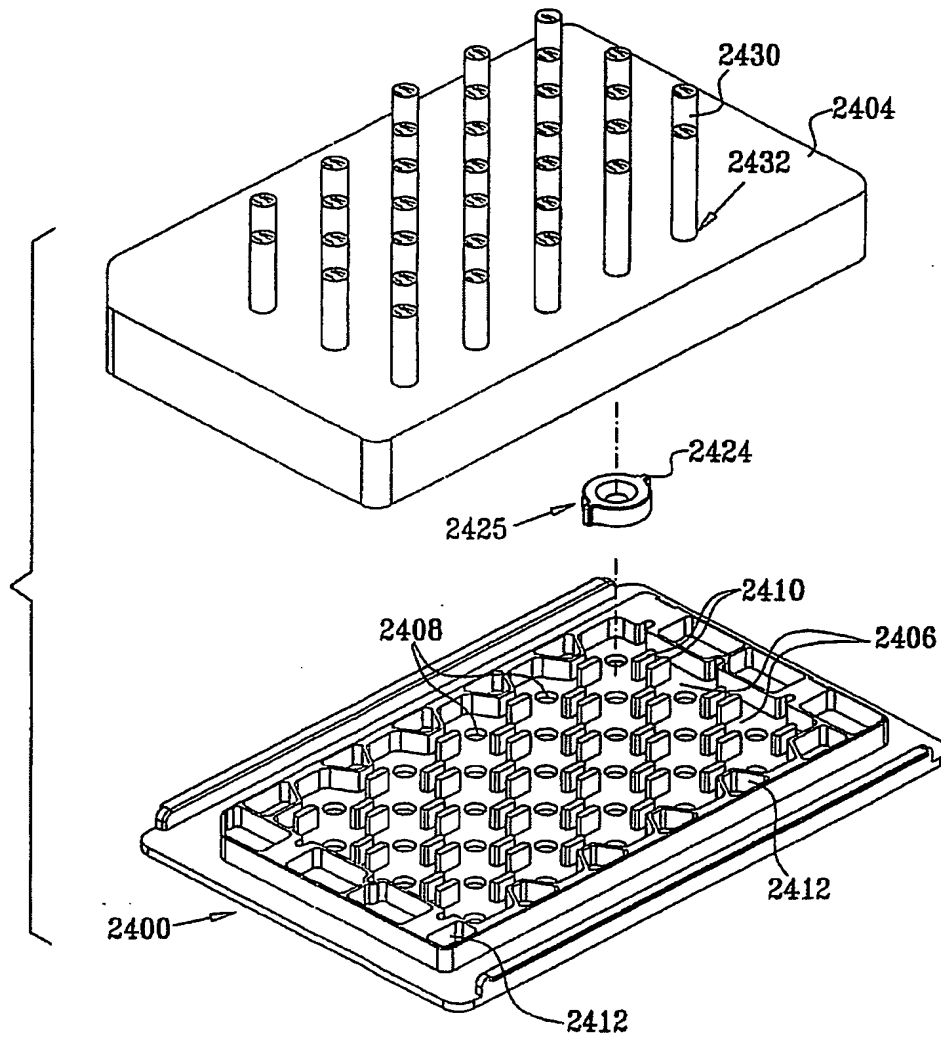






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FIG. 78A



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FIG. 78B

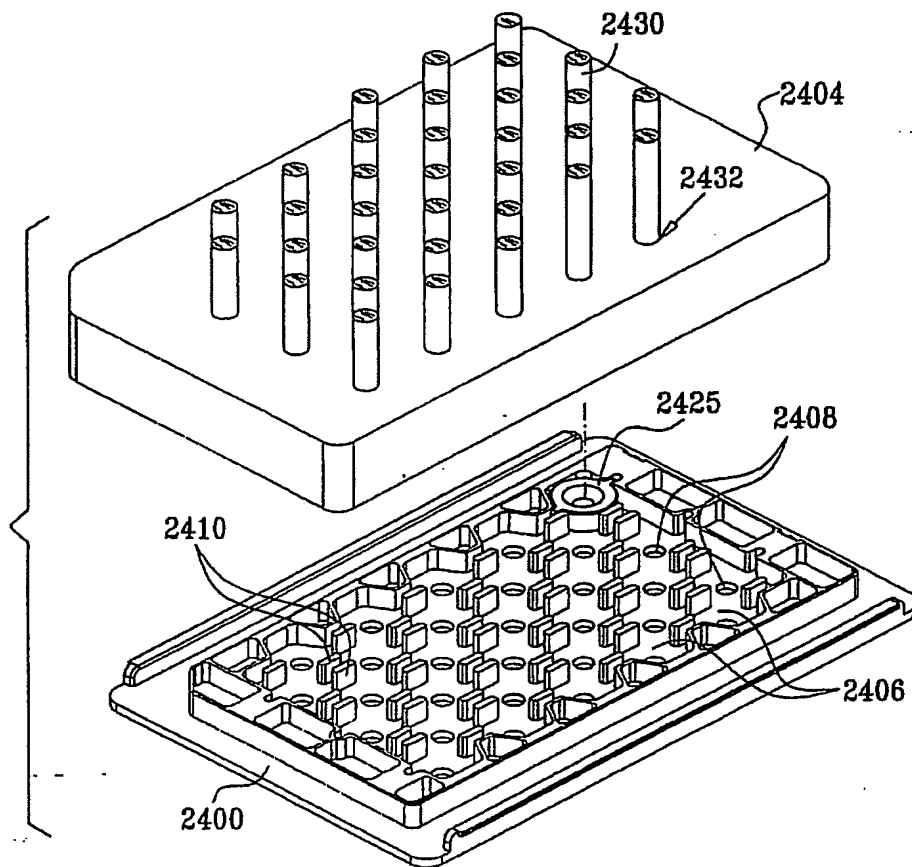
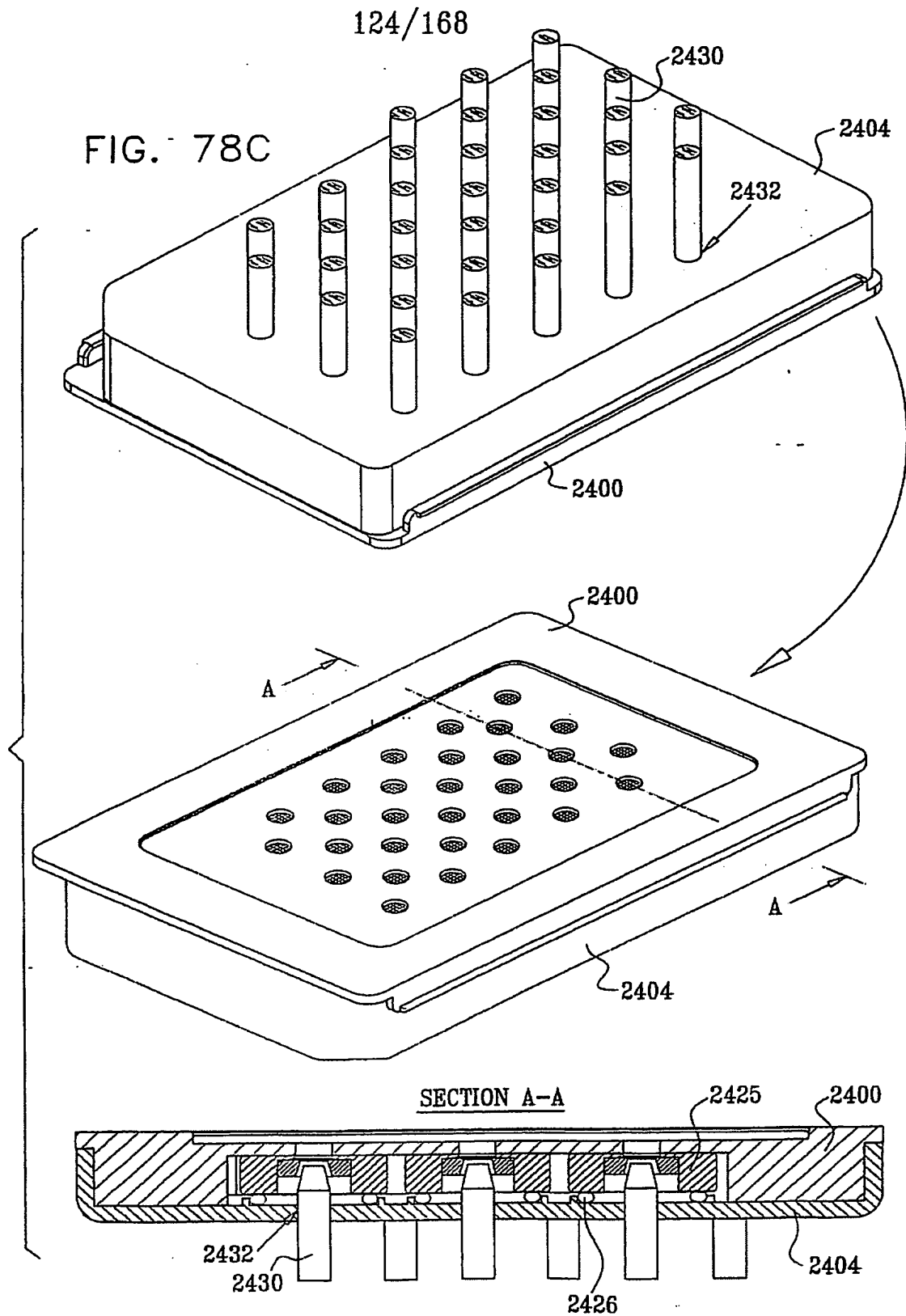
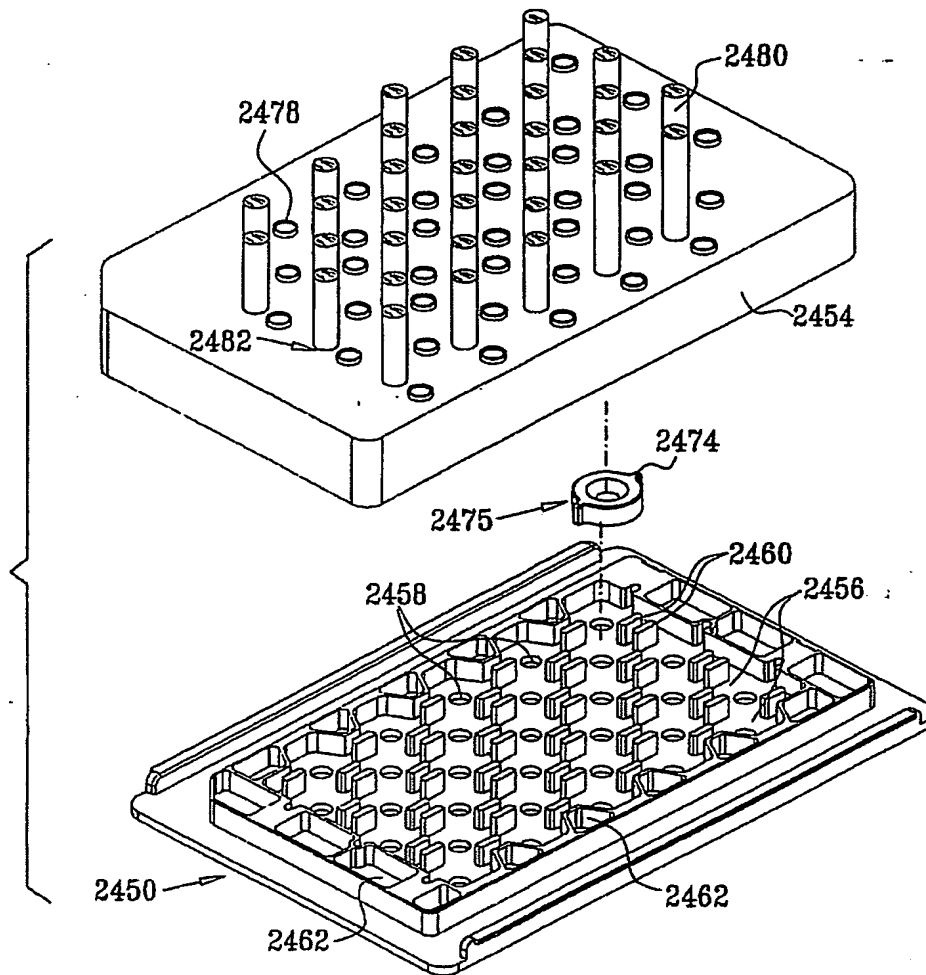


FIG. 78C



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FIG. 79A



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FIG. 79B

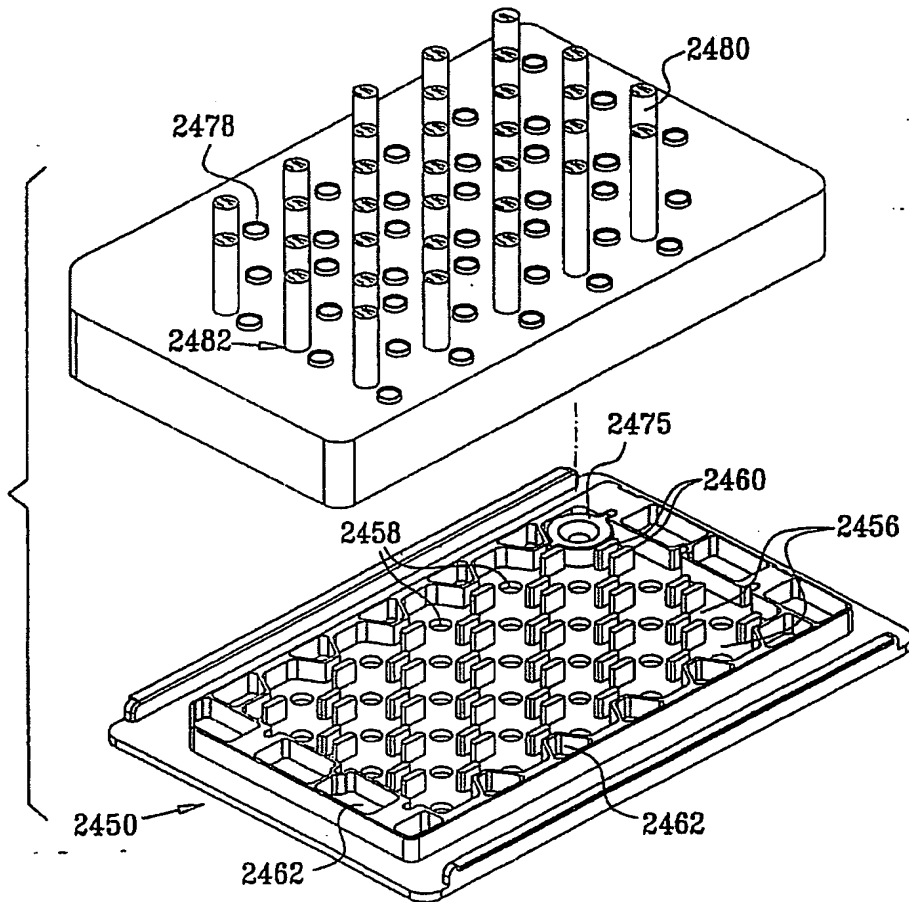
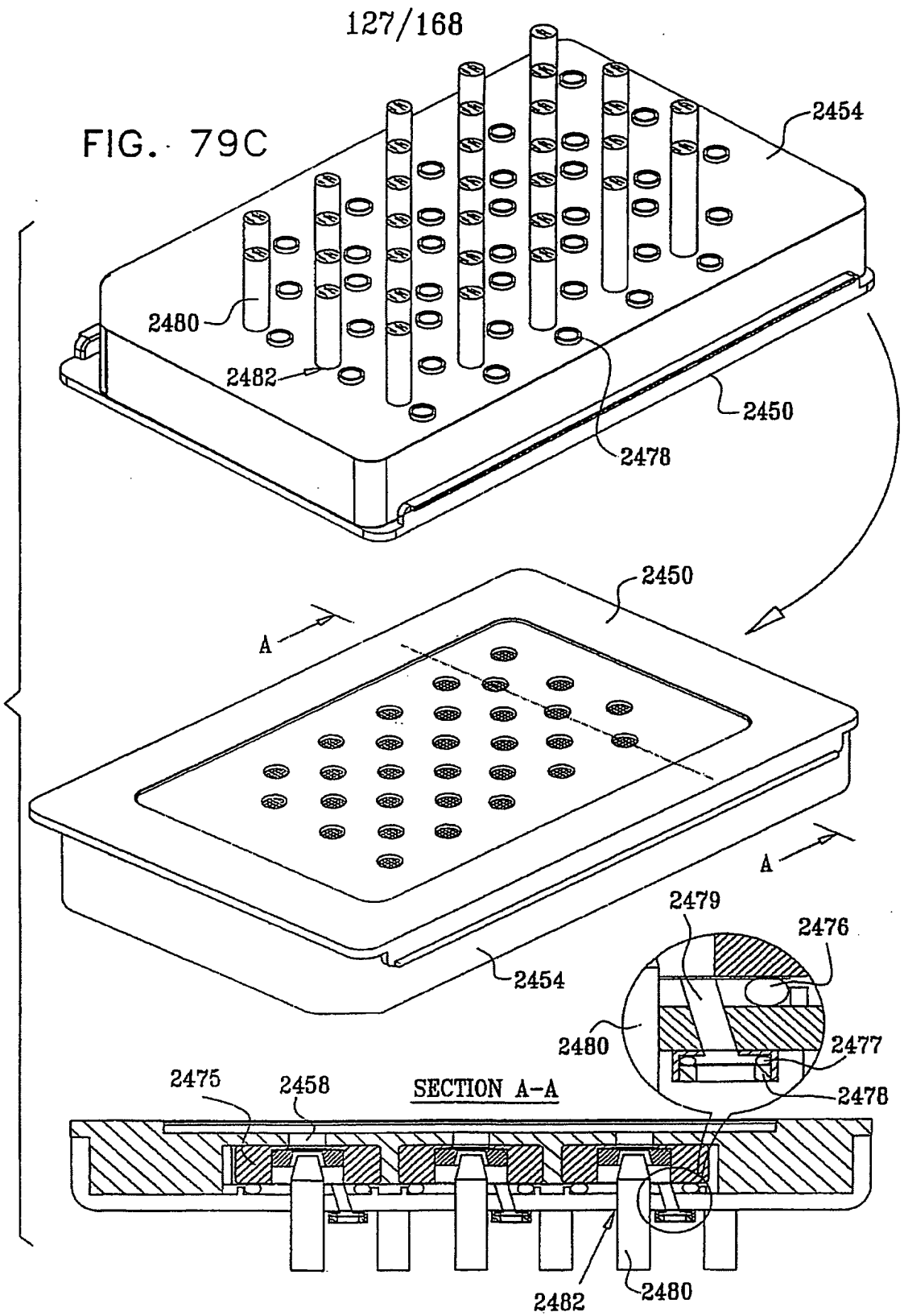
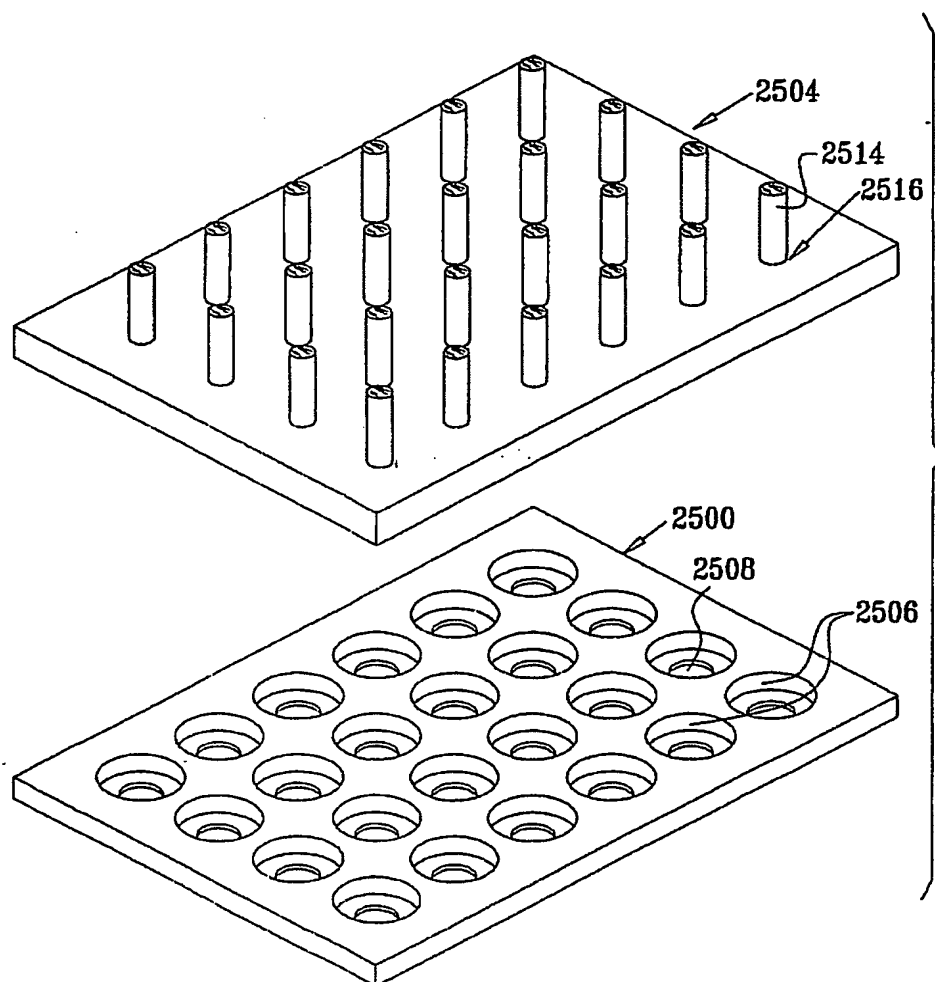


FIG. 79C



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FIG. 80A

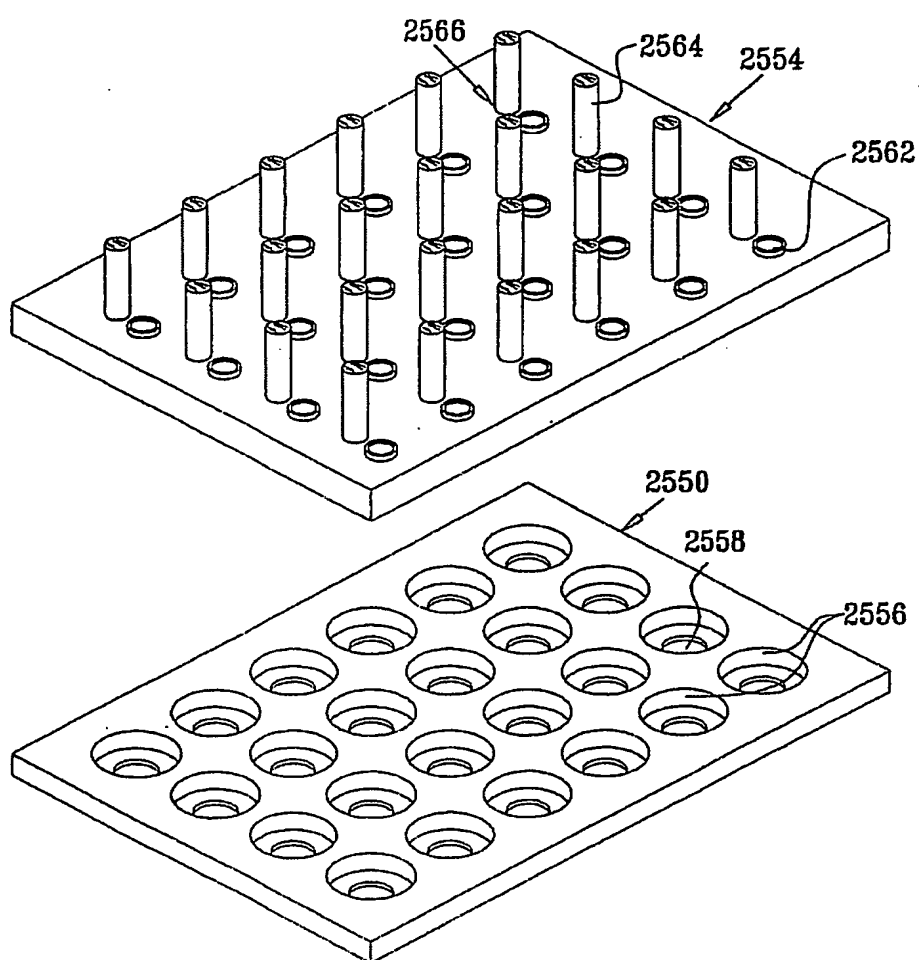






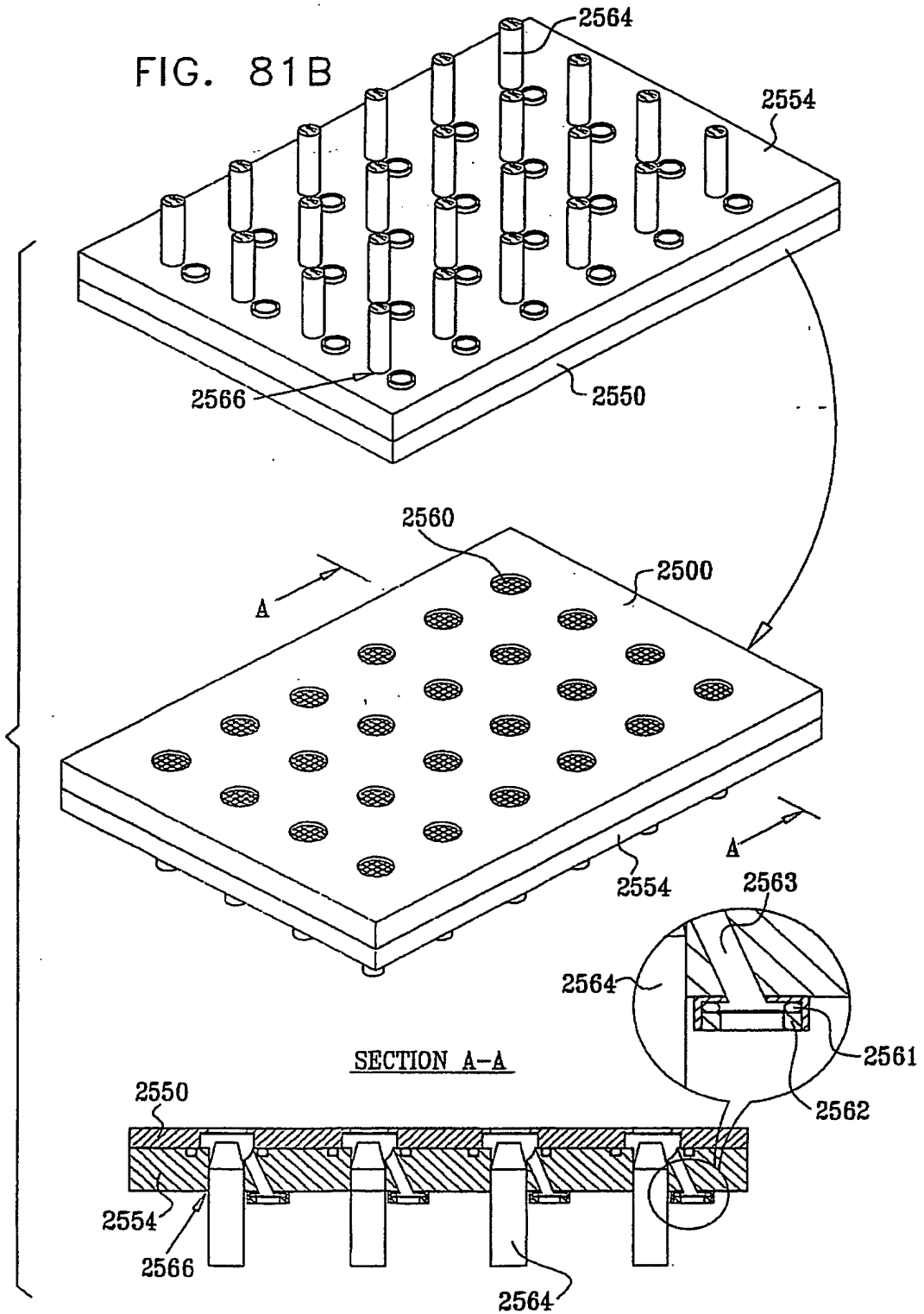
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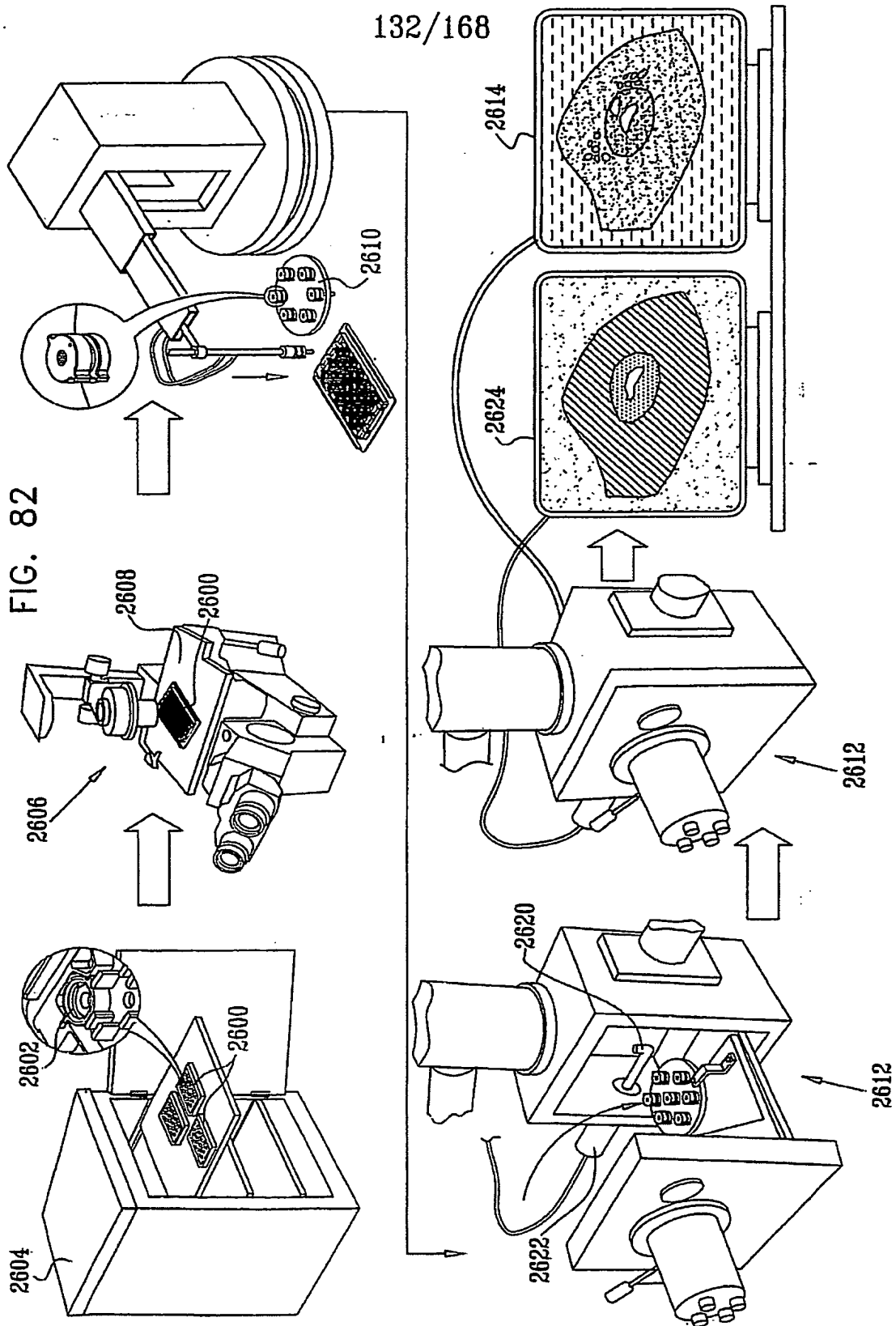
FIG. 81A

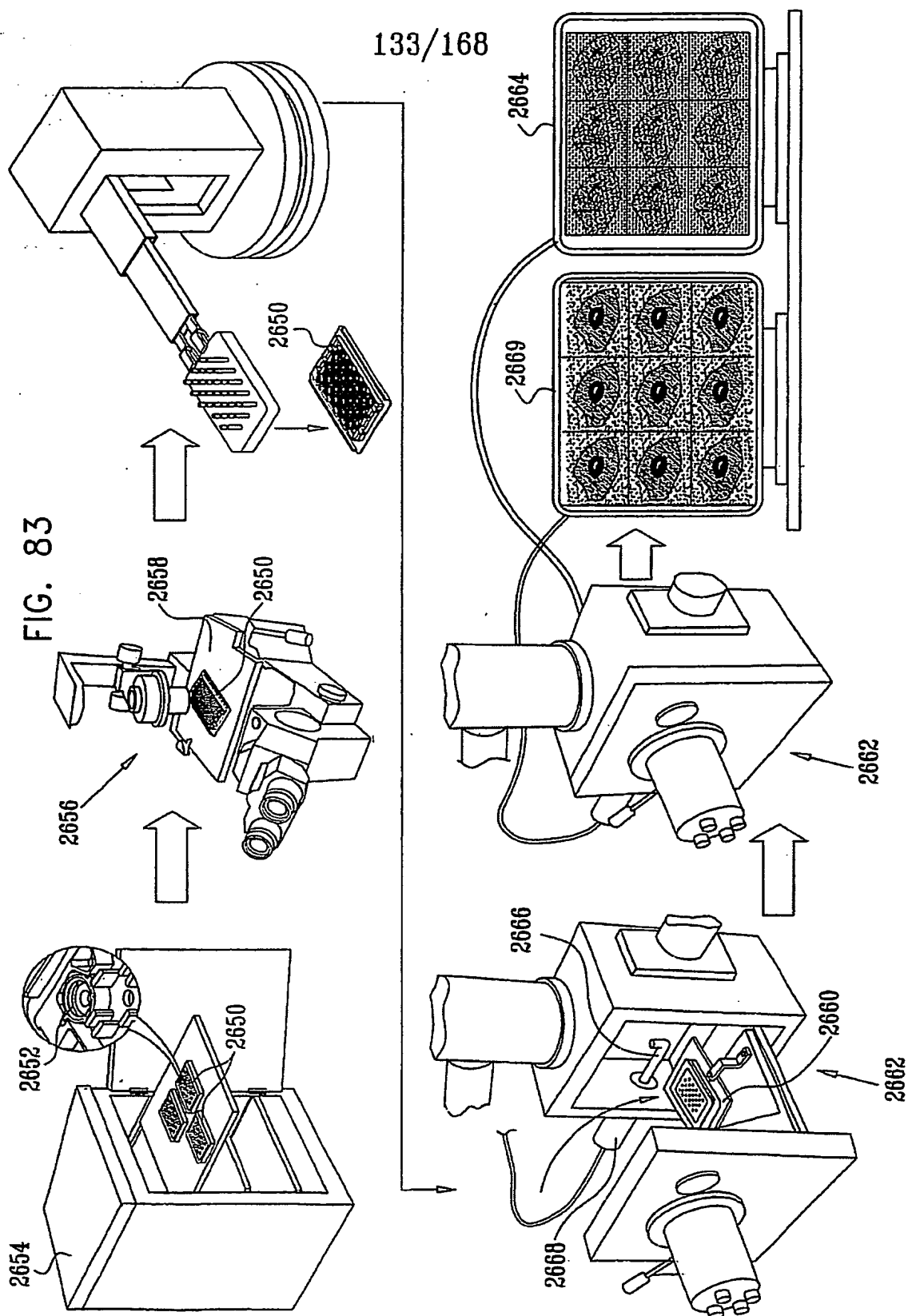


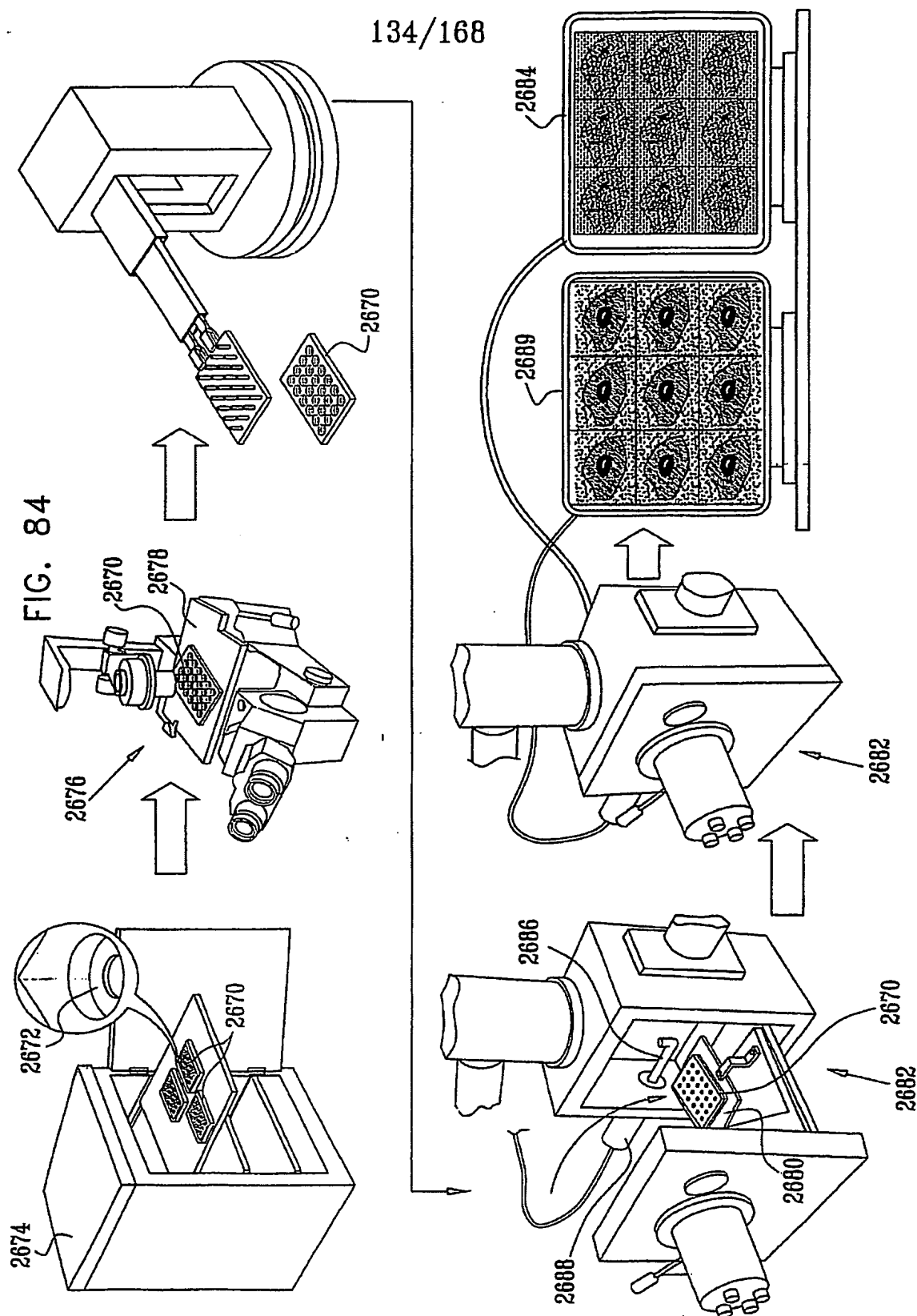
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FIG. 81B



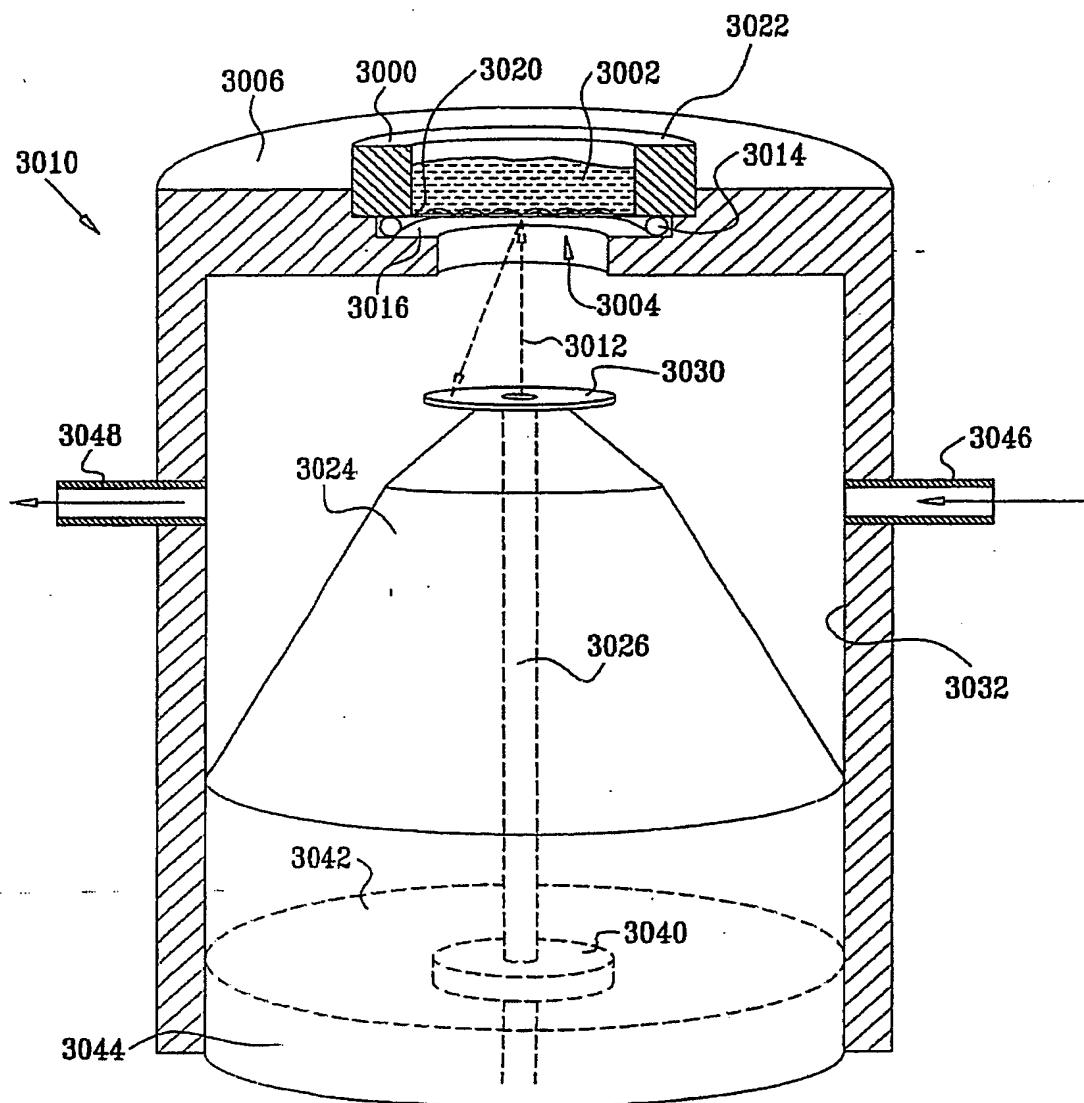






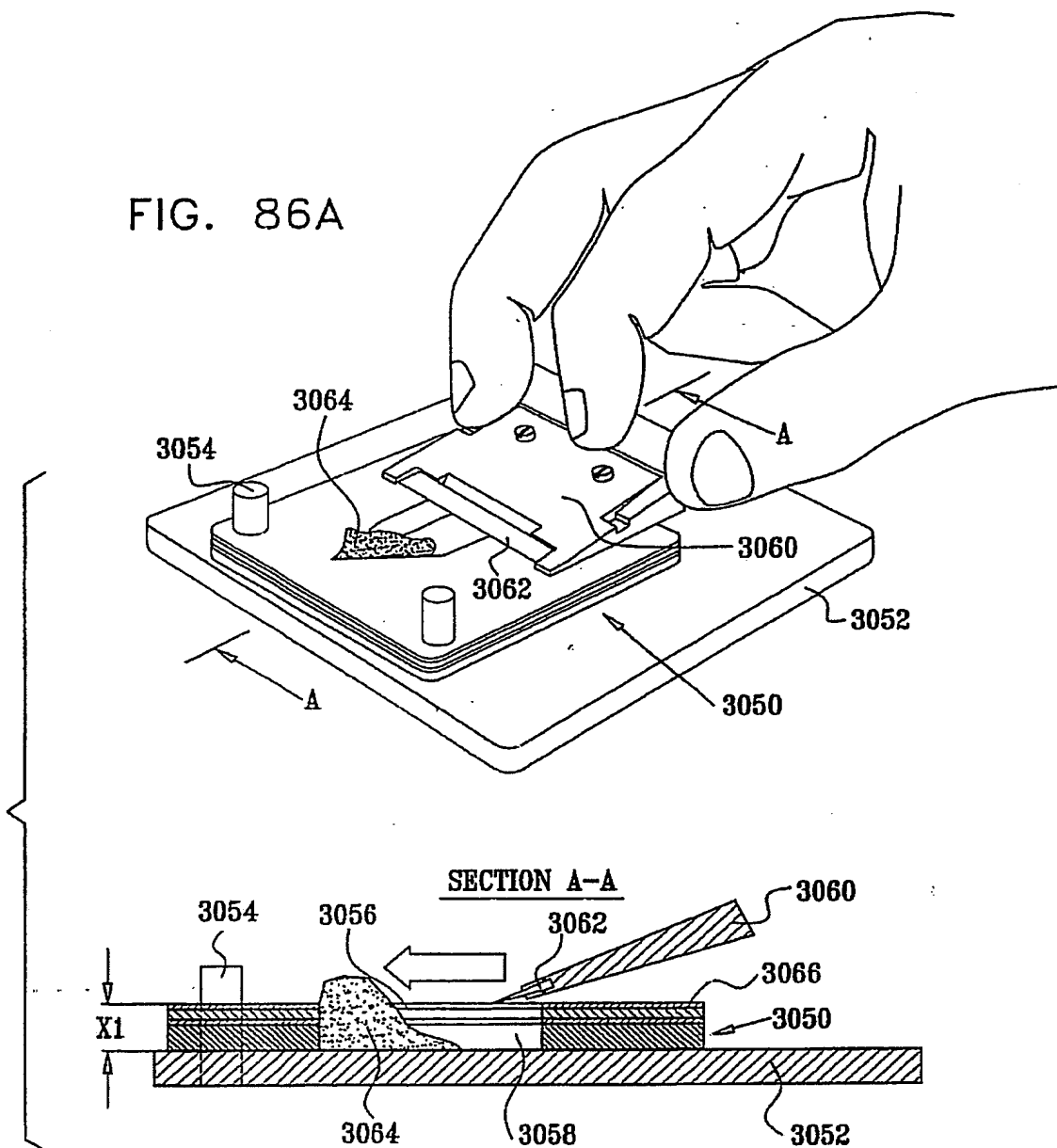
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FIG. 85



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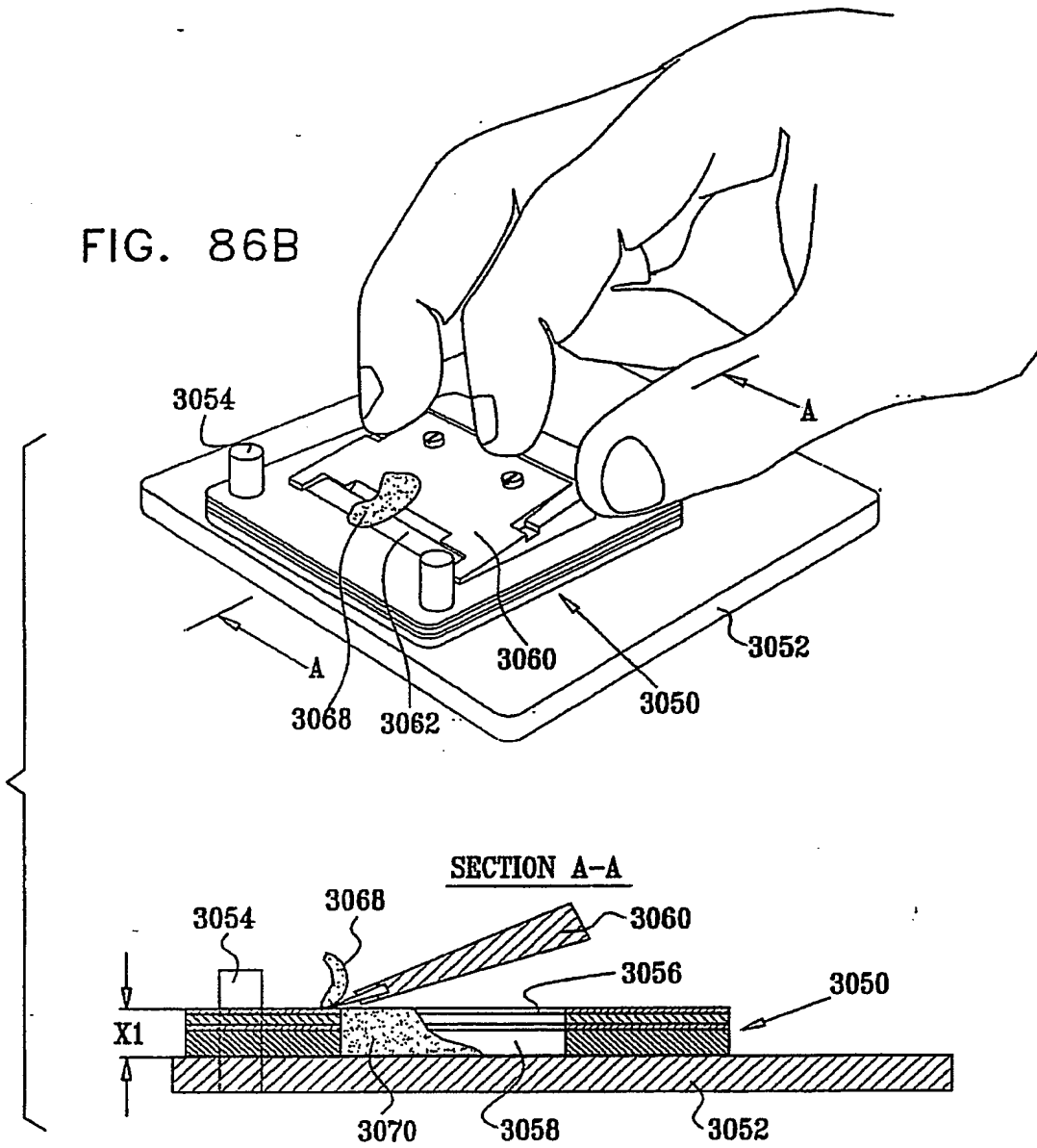
FIG. 86A





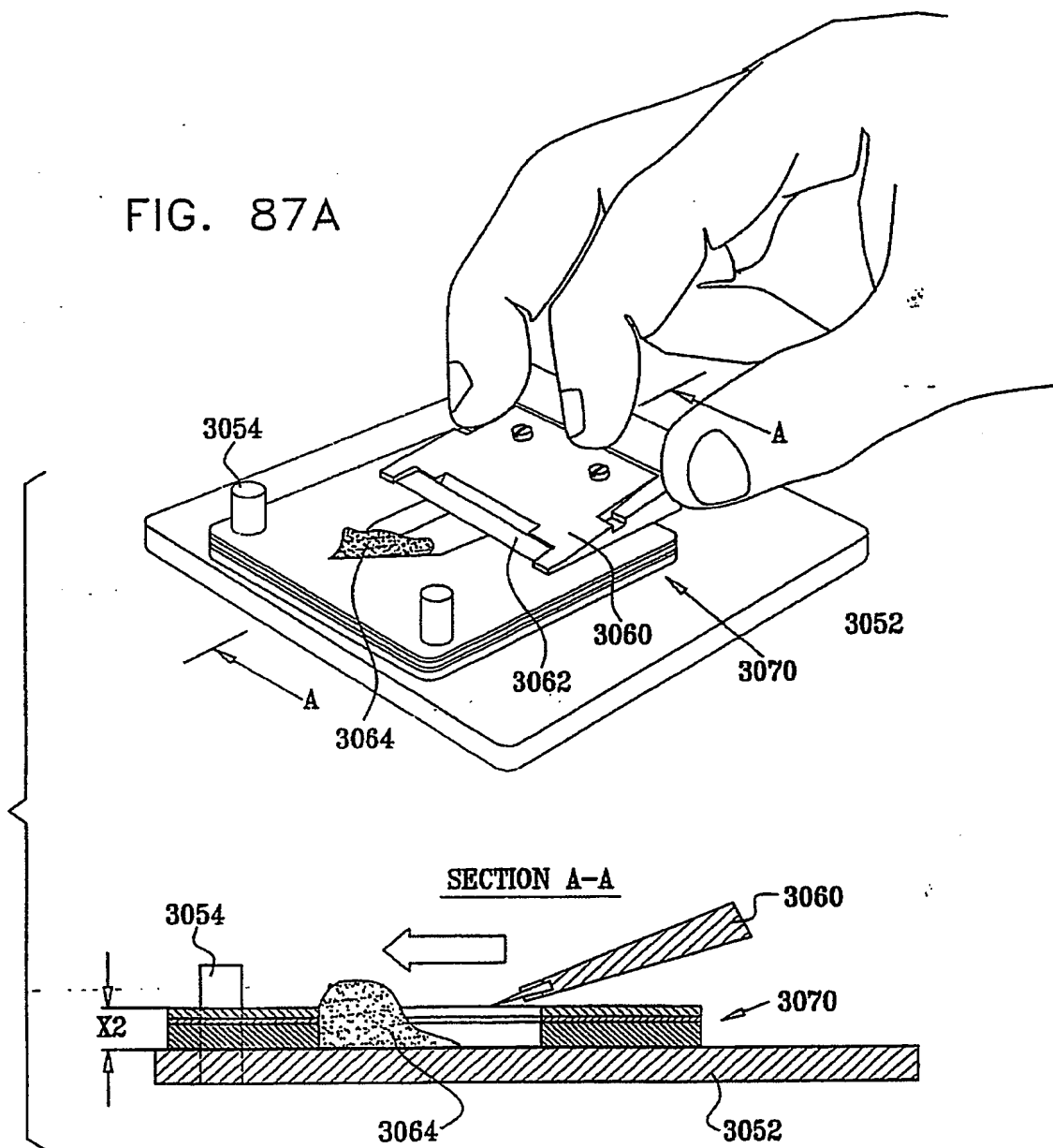
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FIG. 86B



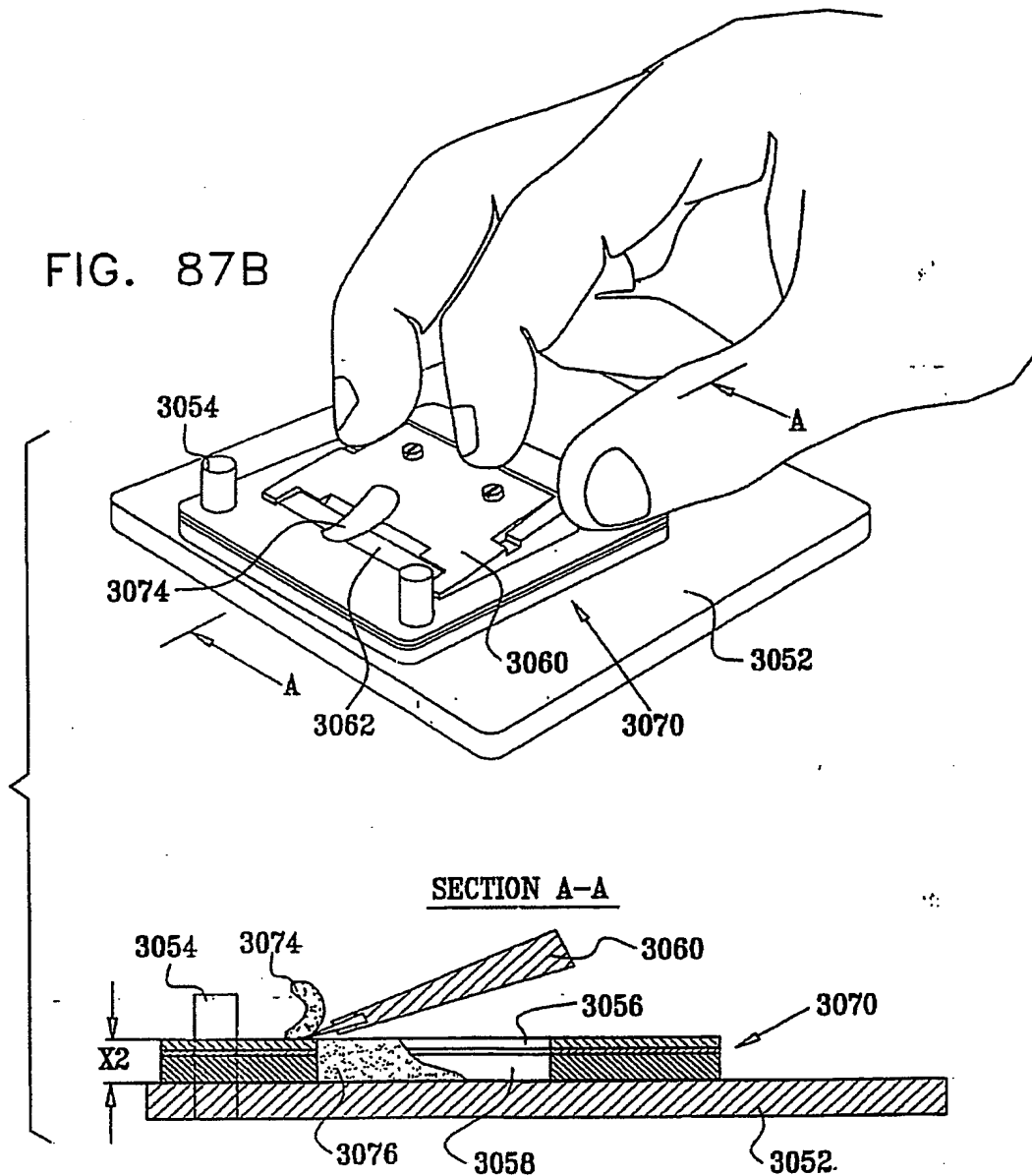
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FIG. 87A



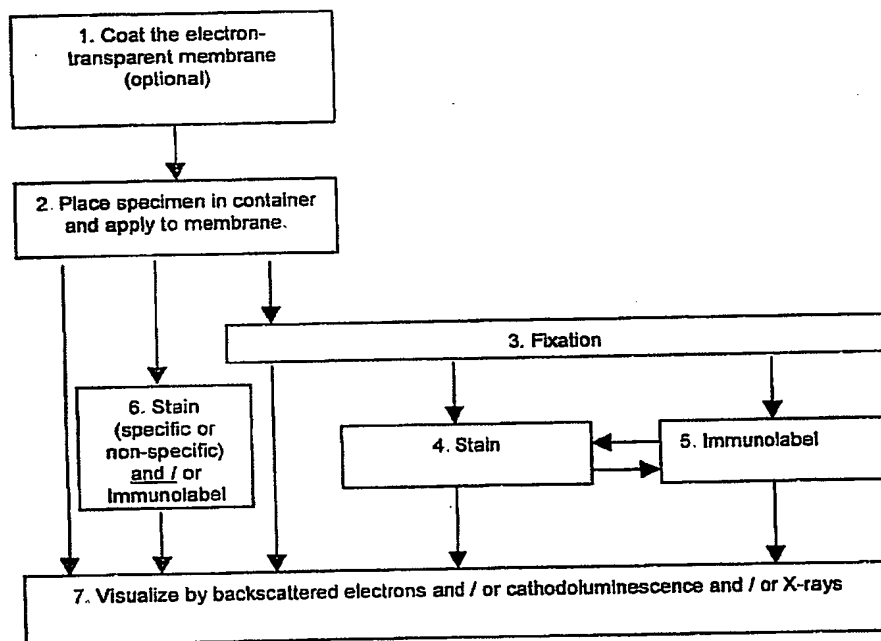
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FIG. 87B



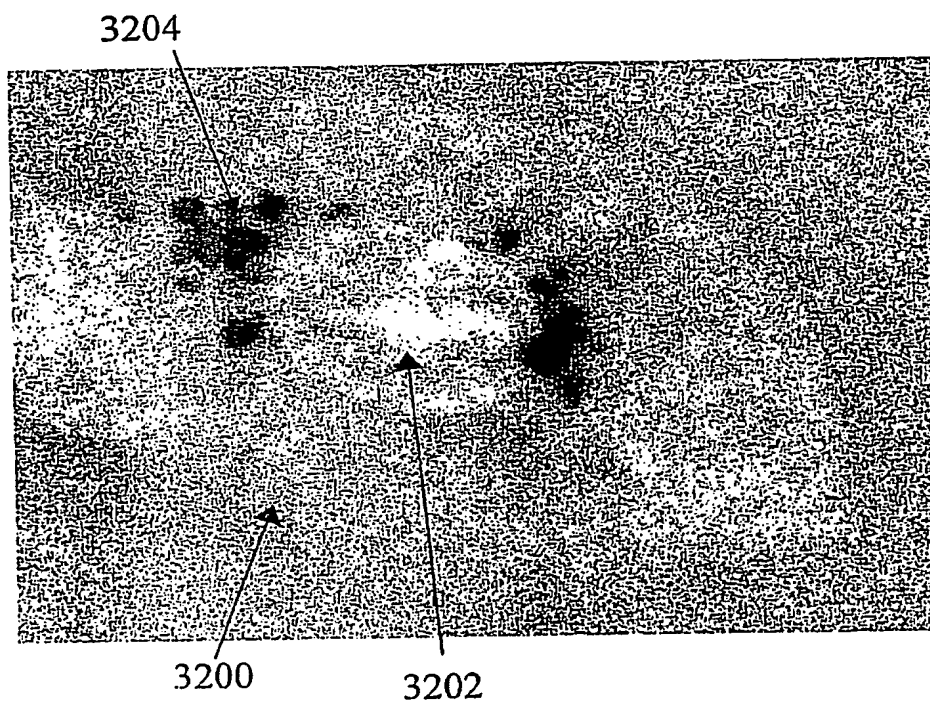
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Fig. 88



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Fig. 89



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Fig. 90 A



Fig. 90 B



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Fig. 91 A

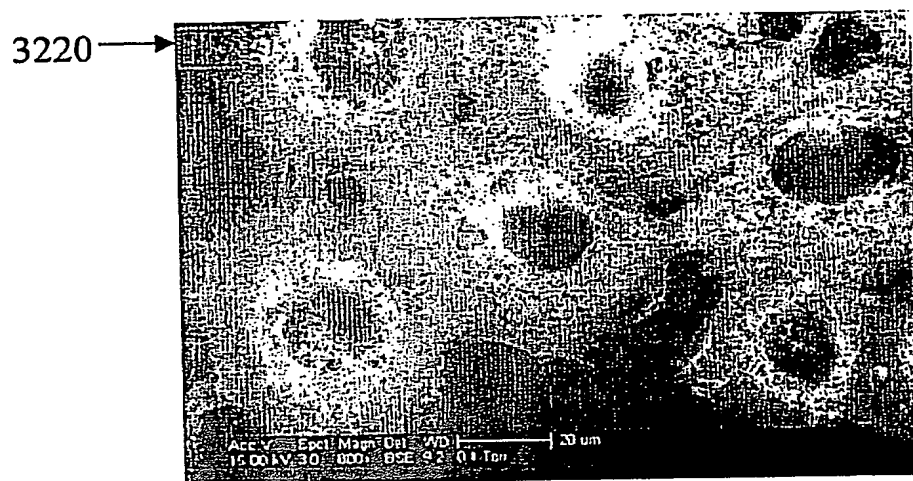
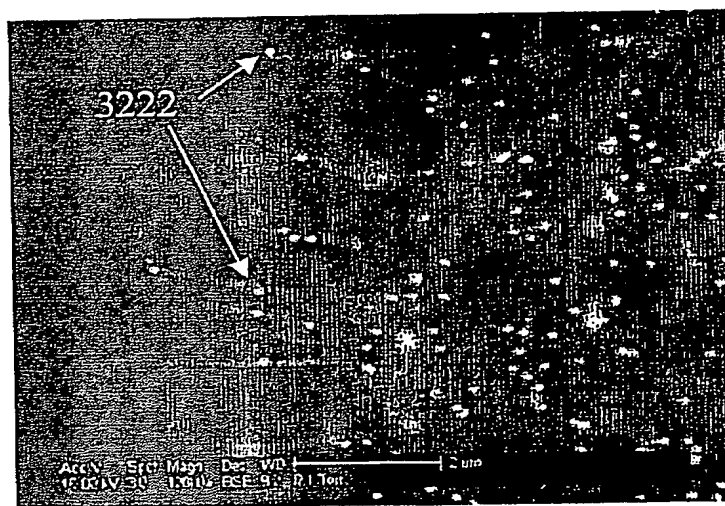
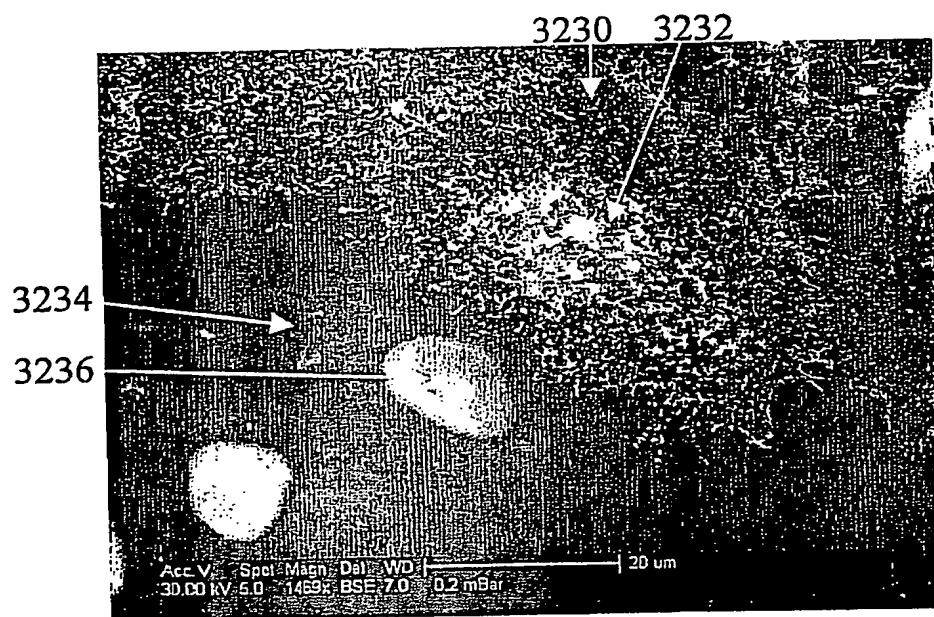


Fig. 91 B



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Fig. 92





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Fig 93A



Fig 93B

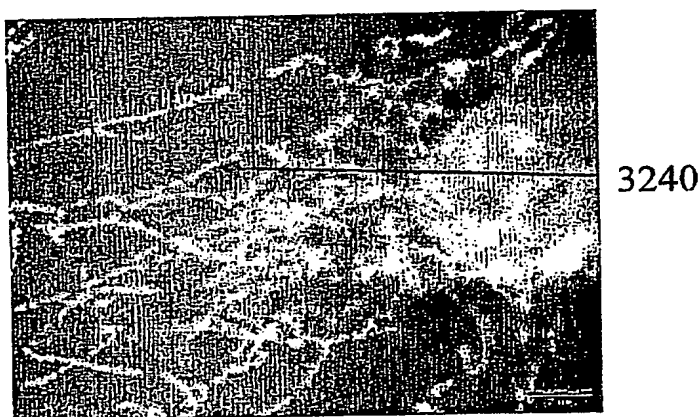
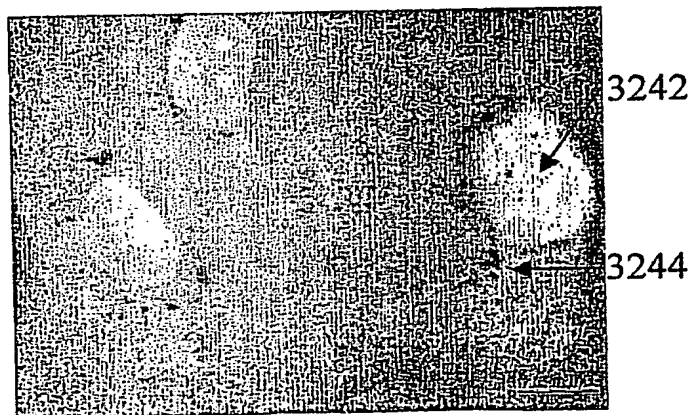


Fig 93C



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Fig 94 A

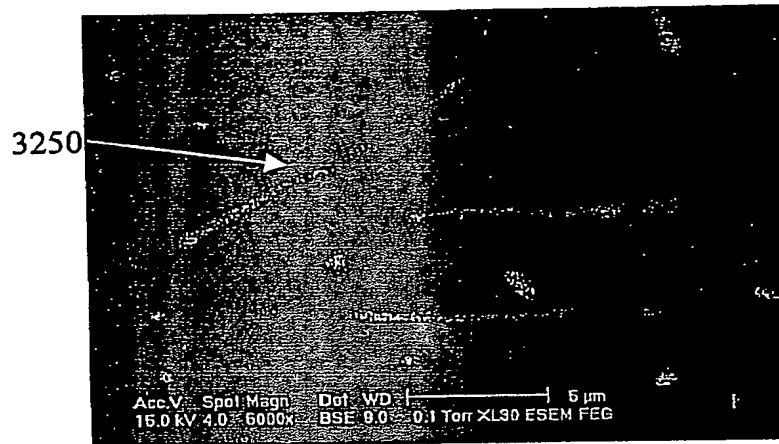
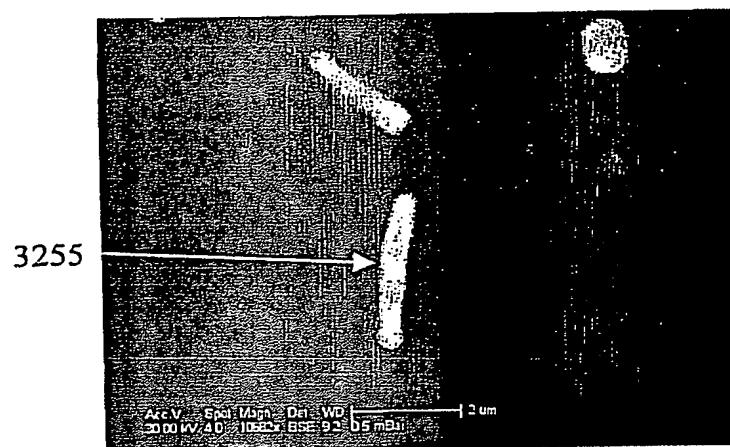


Fig. 94 B



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Fig 95A

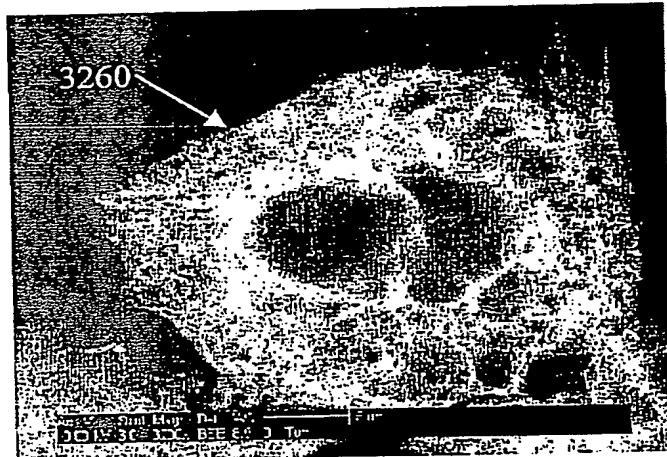


Fig 95B

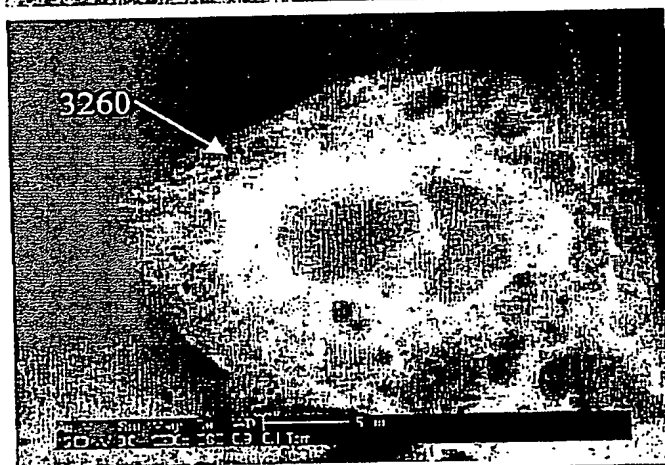
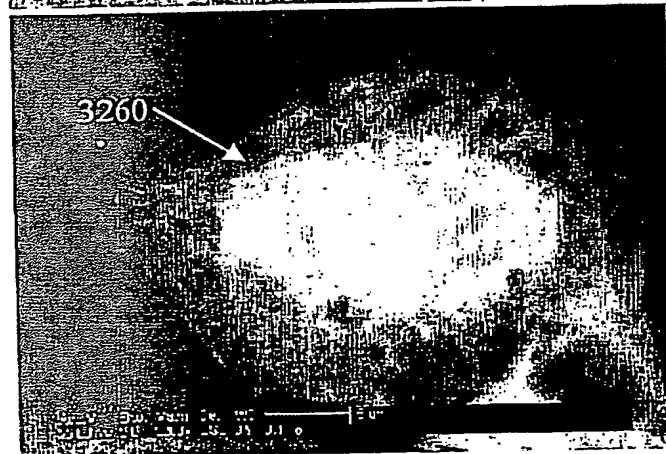


Fig 95C



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Fig. 96A

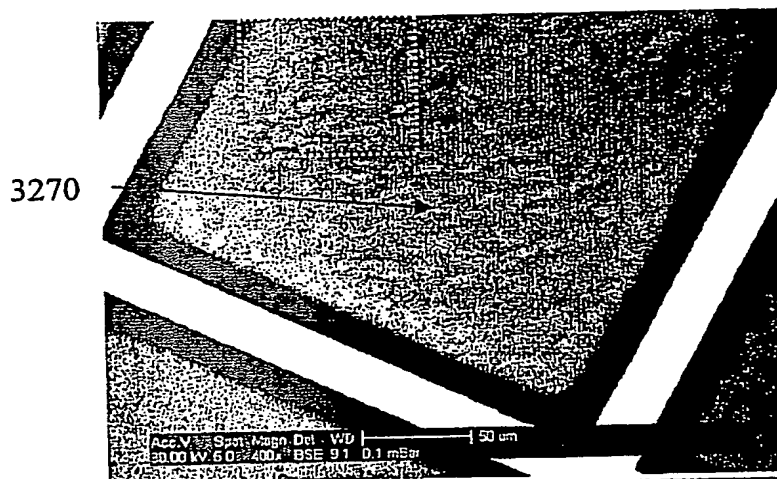
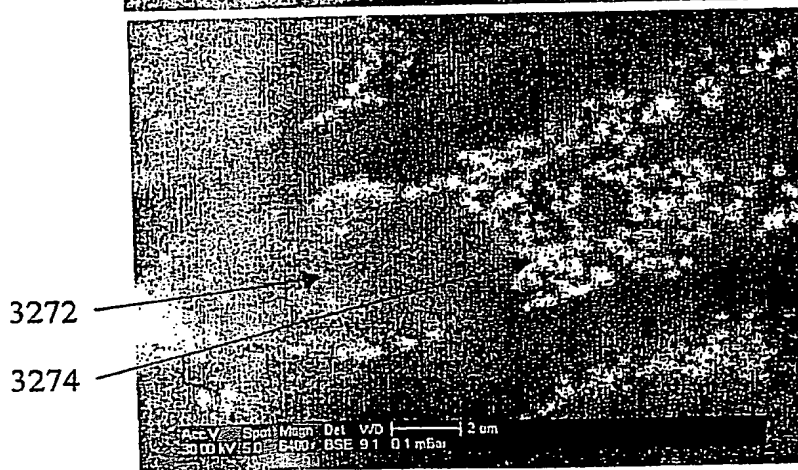


Fig. 96B

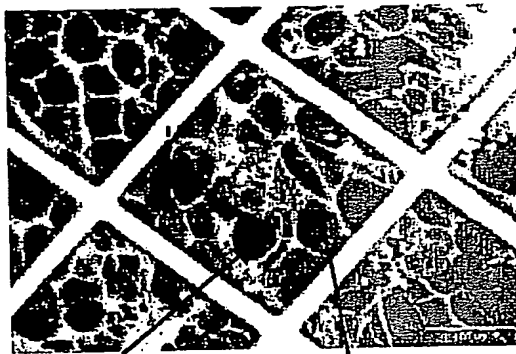


Fig 96C



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Fig. 97A



3280

3282

Fig. 97B

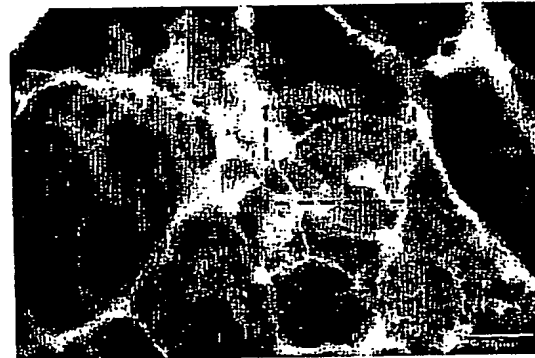


Fig. 97C



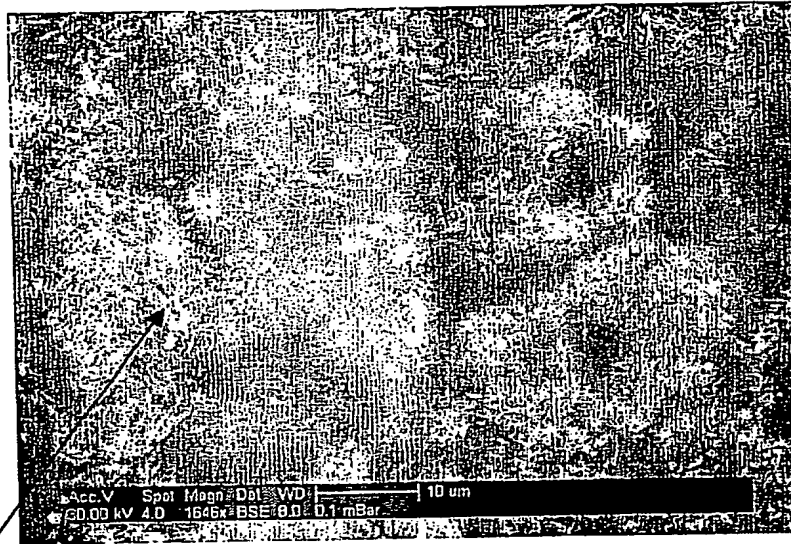
Fig. 97D



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Fig. 98A



3290

Fig 98B



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Fig. 99A

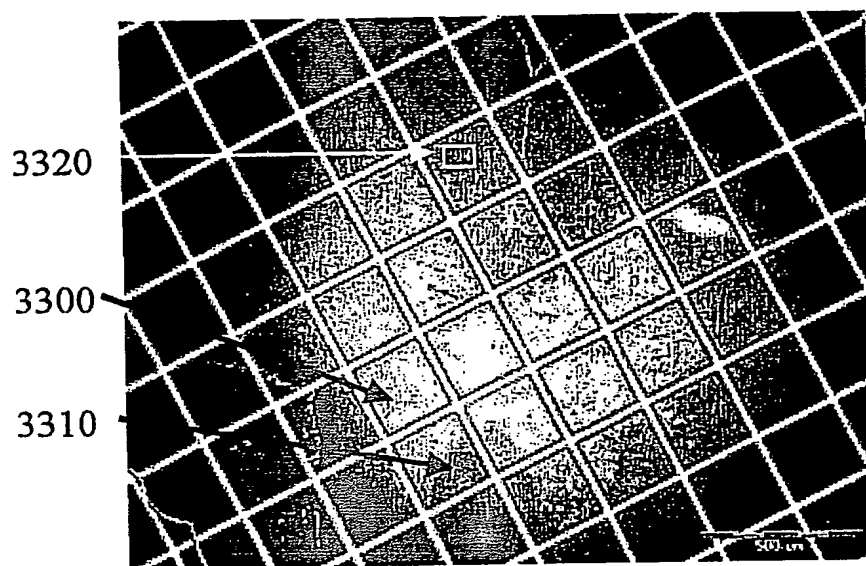
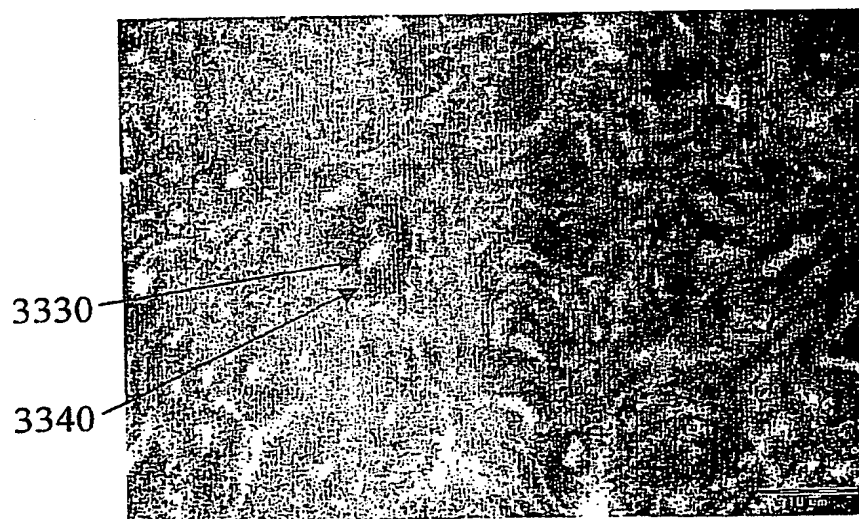


Fig. 99B



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Fig. 100A

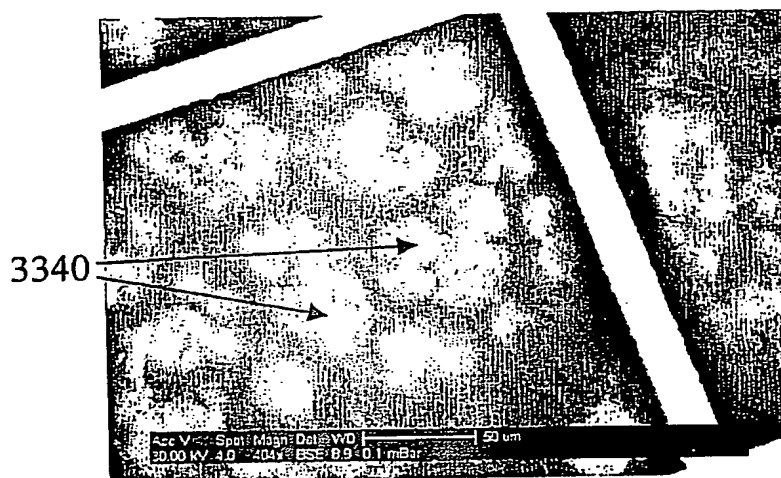
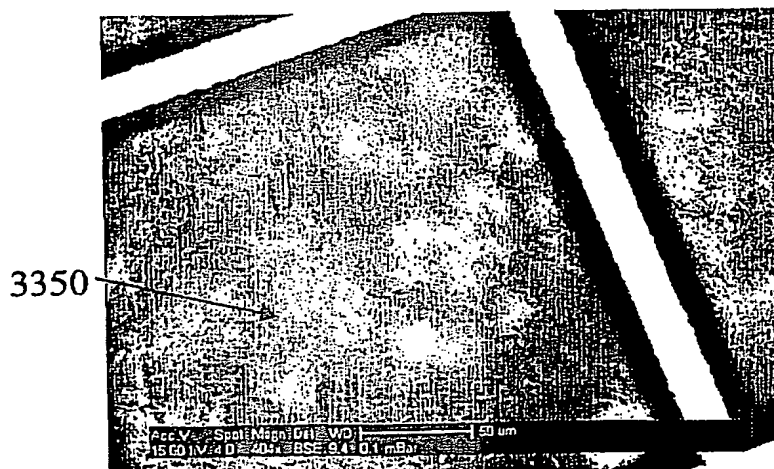


Fig 100B





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Fig. 101 A

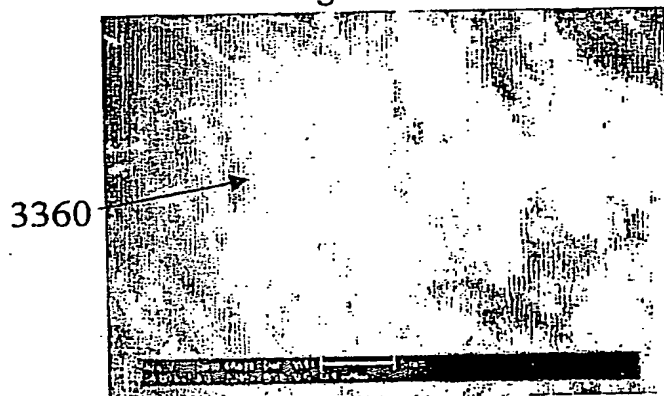


Fig. 101 B

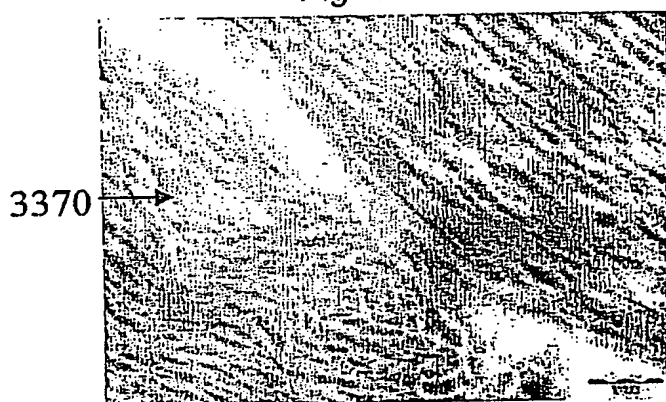
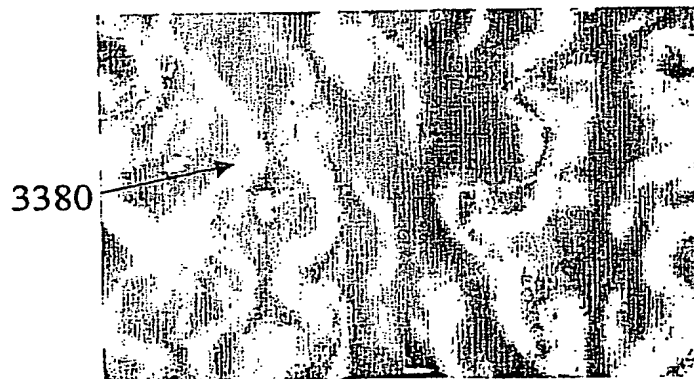


Fig. 101 C



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Fig. 102A



Fig. 102B



3390 3392

Fig. 102C



3394

Fig. 102D



3396 3398

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Fig. 103 A

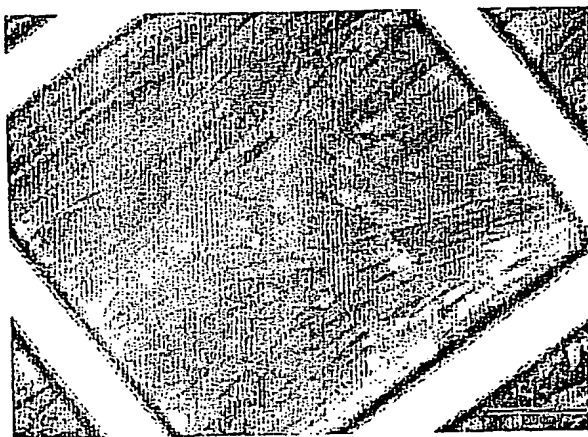


Fig. 103 B



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Fig. 104 A

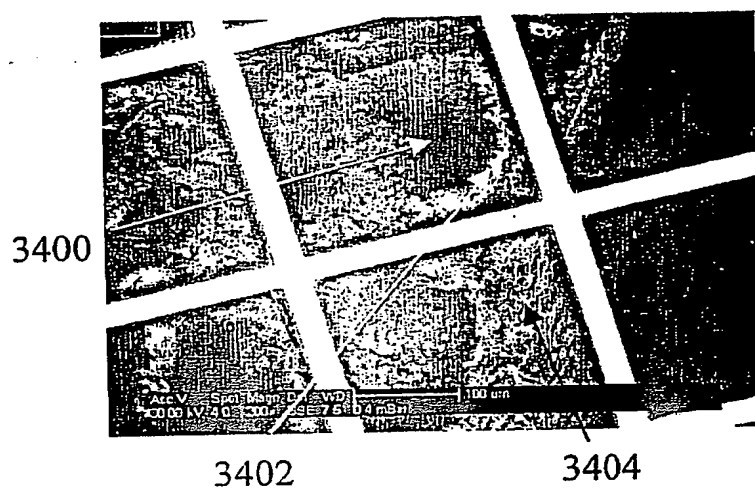
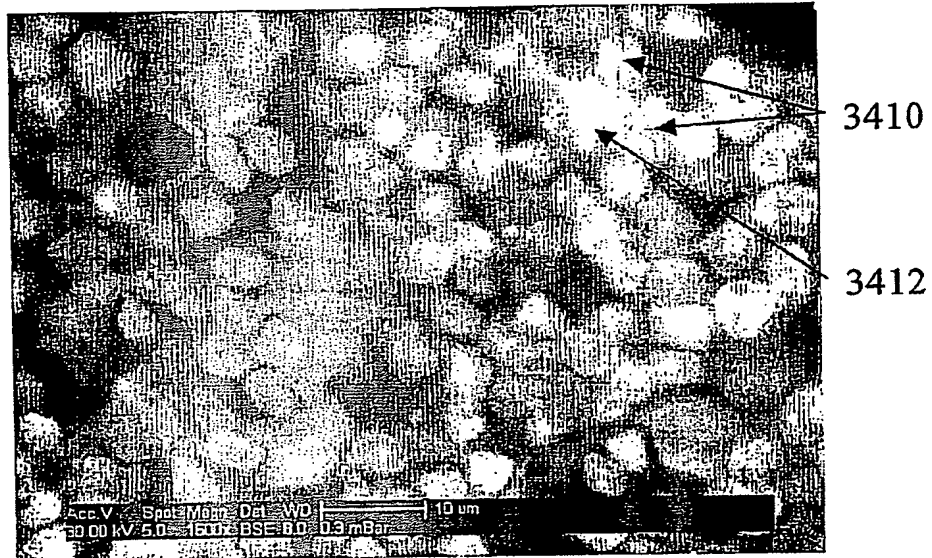


Fig 104 B



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Fig. 105



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Fig. 106 A

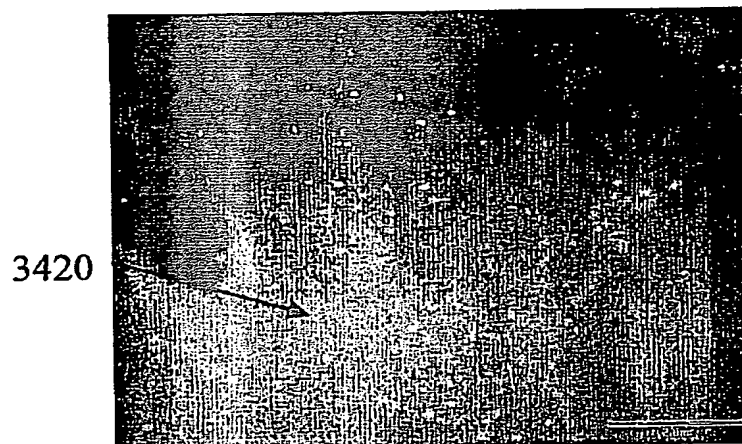
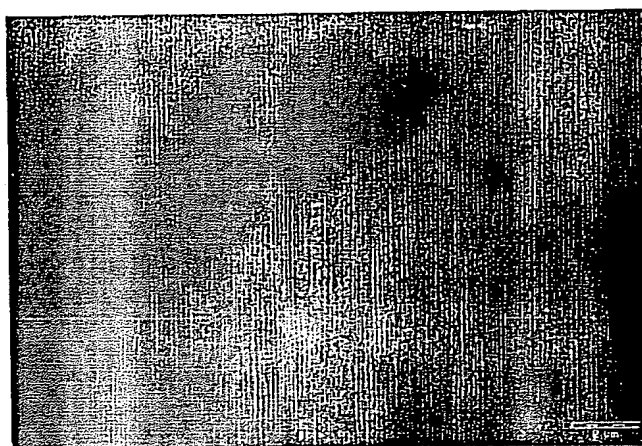


Fig. 106 B

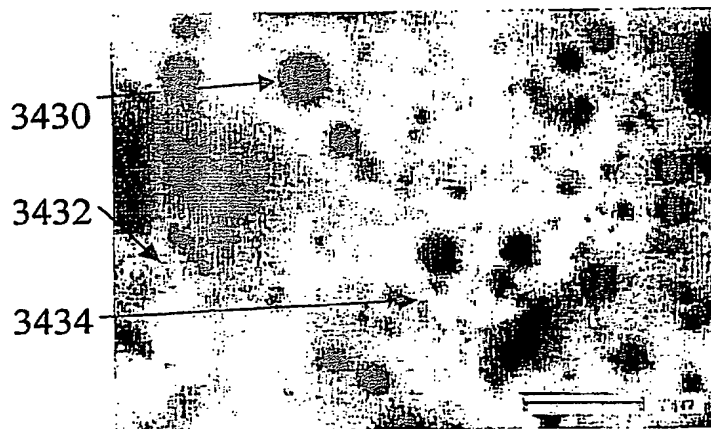


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Fig. 107A



Fig. 107B



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Fig. 108 A

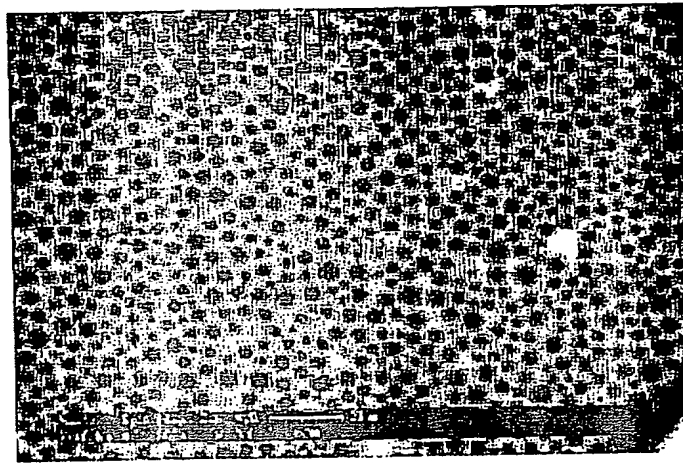
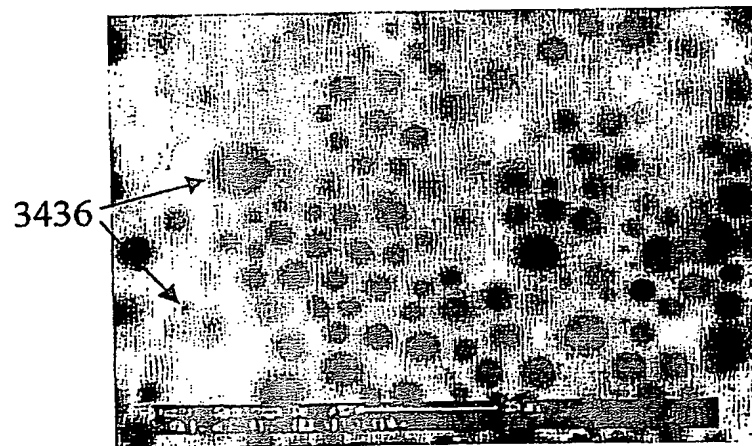


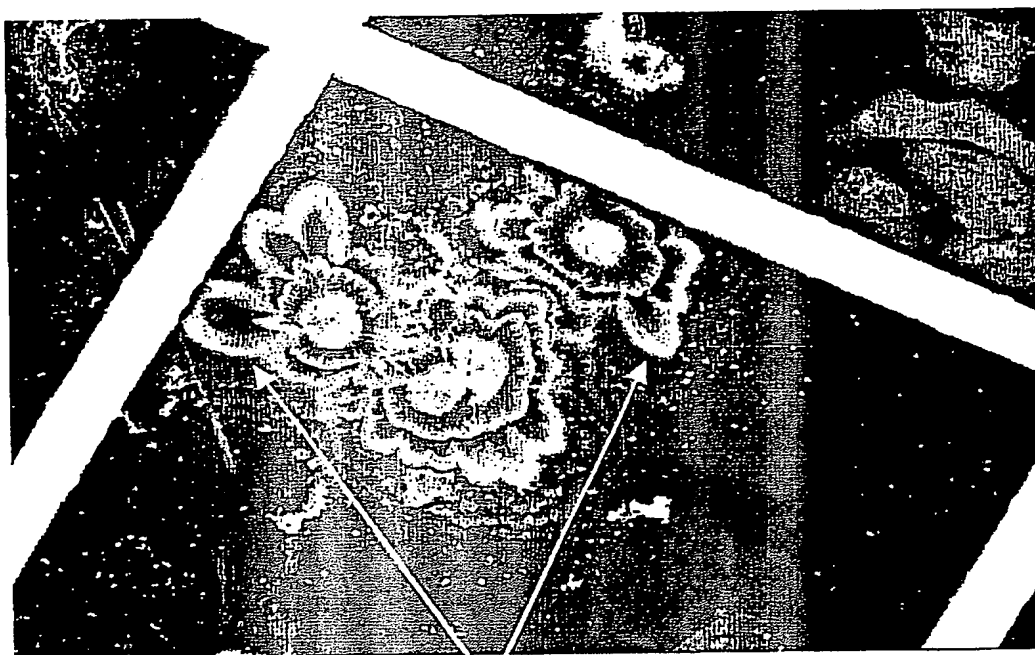
Fig. 108 B





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Fig. 109



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Fig. 110 A

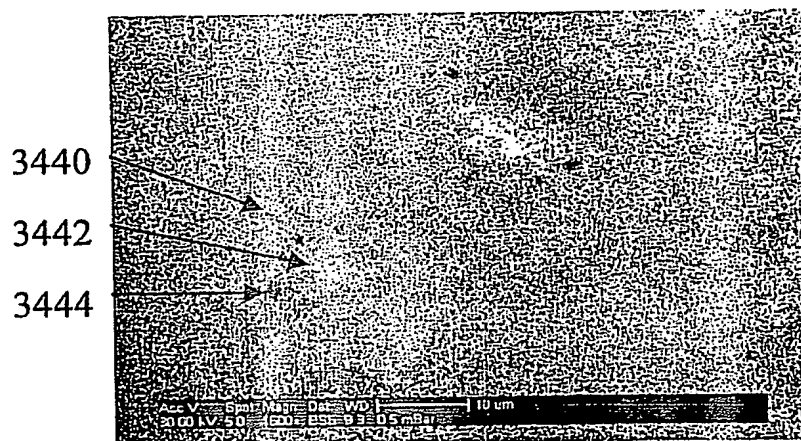
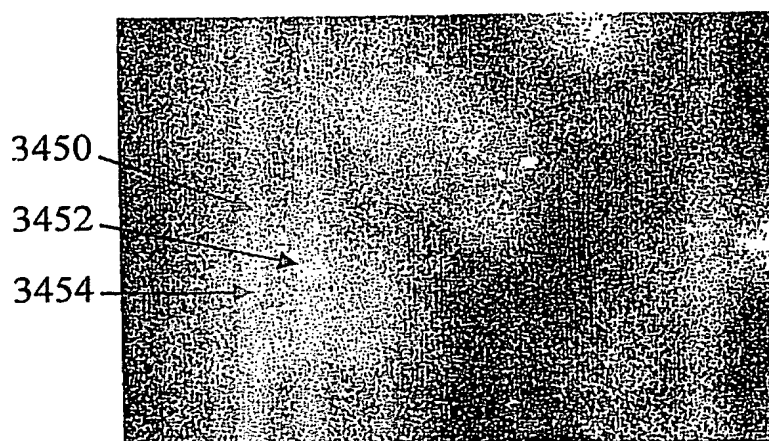


Fig. 110 B



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Fig. 111 A

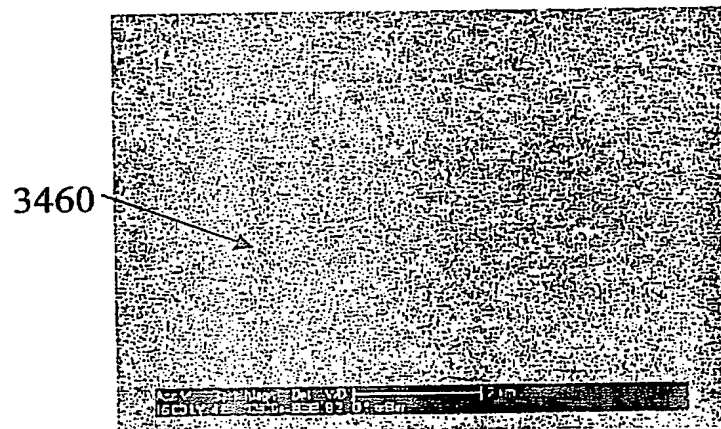
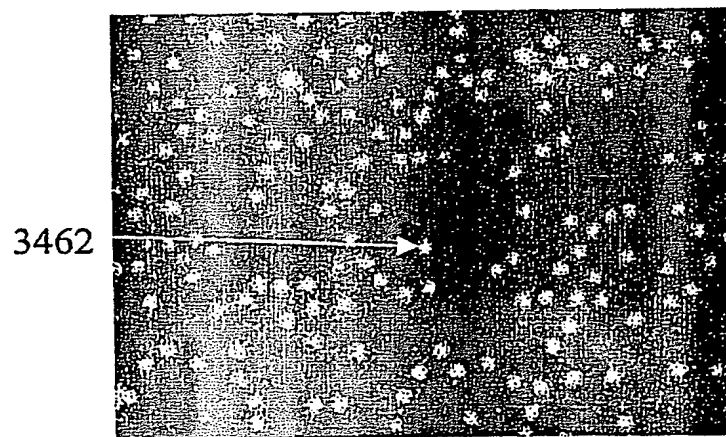
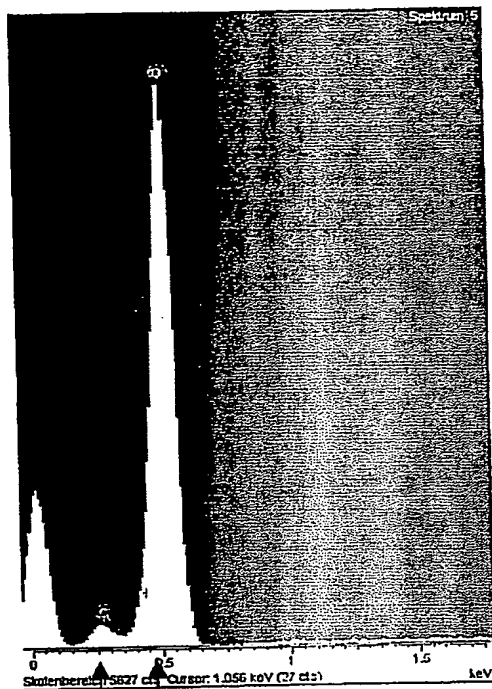


Fig. 111 B



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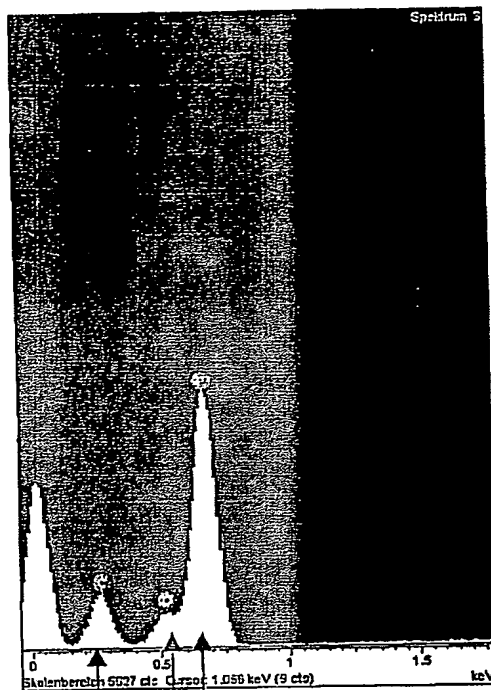
Fig. 112A



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Fig. 112B



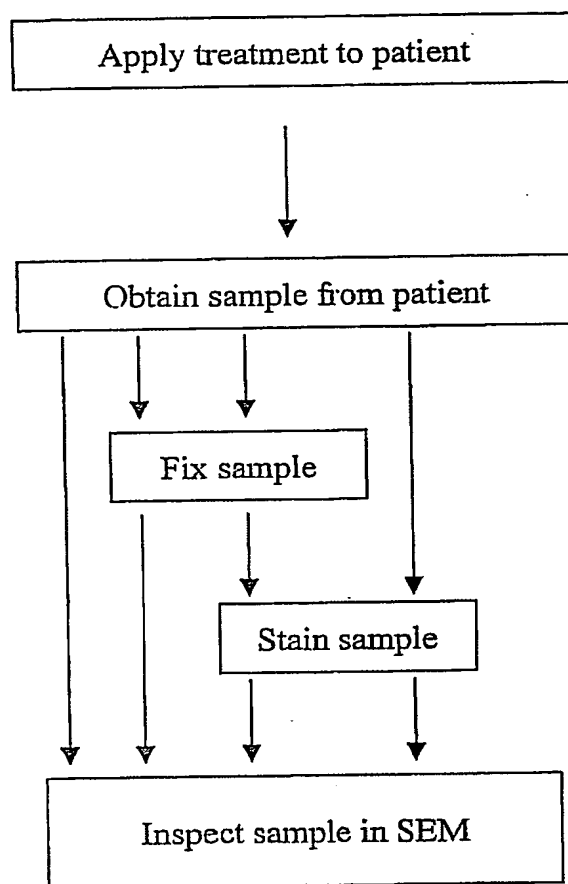
3476

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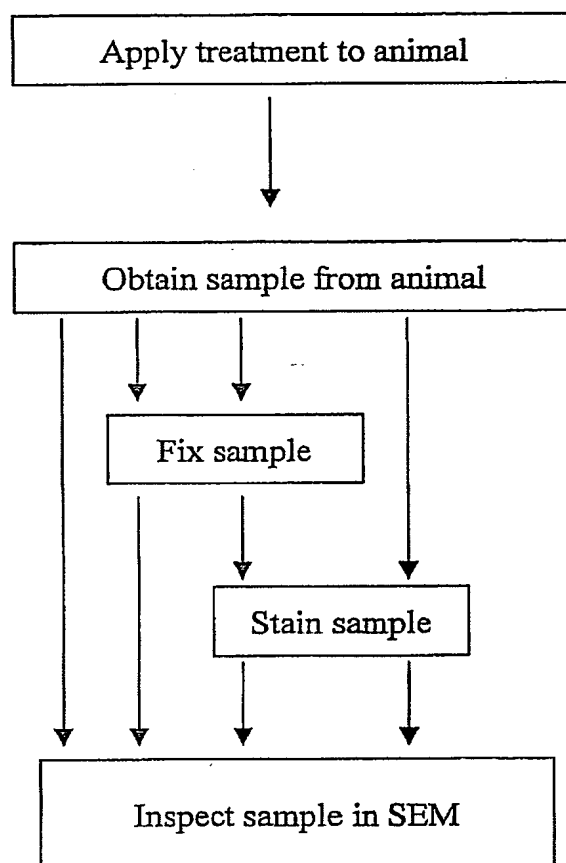
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Fig. 113



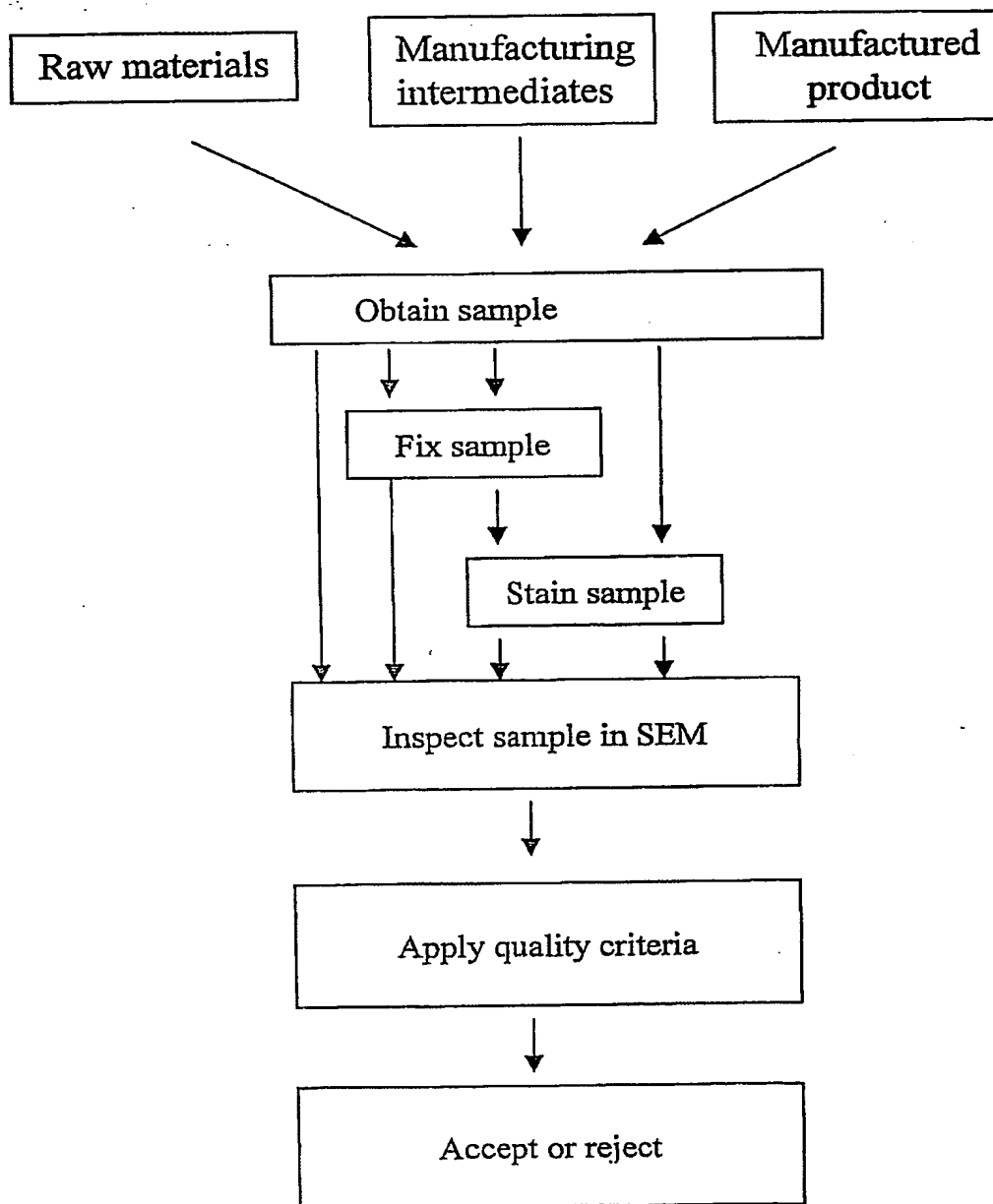
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Fig. 114



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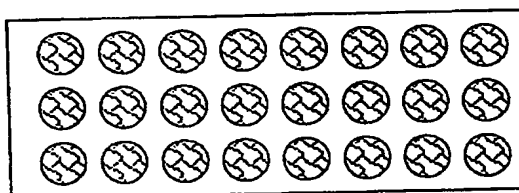
Fig. 115



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Fig. 116

Place cells in specimen containers



Apply treatments to cells in sample containers

Fix samples

Stain samples

Inspect samples in SEM

Analyze results of inspection